

<110> INCYTE CORPORATION.; MARQUIS, Joseph P.;
 LEE, Soo Y.; ELLIOTT, Vicki S.;
 RAMKUMAR, Jayalaxmi; HAFALIA, April J.A.;
 KABLE, Amy E.; CHAWLA, Narinder K.;
 EMERLING, Brooke M.; KHARE, Reena;
 JIANG, Xin; JACKSON, Alan A.;
 HAWKINS, Phillip R.; JIN, Pei;
 MASON, Patricia M.; RICHARDSON, Thomas W.;
 SWARNAKAR, Anita; LAL, Preeti G.;
 WARREN, Bridget A.; LEE, Sally;
 GRIFFIN, Jennifer A.; FU, Glenn K.;
 WILSON, Amy D.; XU, Yuming;
 BULLOCH, Sean A.; BECHA, Shanya D.;
 BHATIA, Umesh G.; BURRILL, John D.,
 LEE, Sally; BLAKE, Julie J.,
 Anne Ho; WENJIN, Zheng

<120> SECRETED PROTEINS

<130> PF-1410 PCT

<140> To Be Assigned

<141> Herewith

<150> US 60/370,707

<151> 2002-04-05

<150> US 60/373,824

<151> 2002-04-19

<150> US 60/377,883

<151> 2002-05-03

<150> US 60/383,218

<151> 2002-05-24

<160> 122

<170> PERL Program

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<211> 268

<212> PRT

<213> Homo sapiens

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<221> misc_feature

<223> Incyte ID No: 7510186CD1

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				20					25					30
Ala	Pro	Ser	Glu	Gly	Leu	Gly	His	Ser	Ala	Glu	Leu	Ala	Phe	Ala
				35					40					45
Val	Glu	Pro	Ser	Asp	Asp	Val	Ala	Val	Pro	Gly	Gln	Pro	Ile	Val
				50					55					60
Leu	Asp	Cys	Arg	Val	Glu	Gly	Thr	Pro	Pro	Val	Arg	Ile	Thr	Trp
				65					70					75
Arg	Lys	Asn	Gly	Val	Glu	Leu	Pro	Glu	Ser	Thr	His	Ser	Thr	Leu
				80					85					90
Leu	Ala	Asn	Gly	Ser	Leu	Met	Ile	Arg	His	Phe	Arg	Leu	Glu	Pro
				95					100					105

Gly	Gly	Ser	Pro	Ser	Asp	Glu	Gly	Asp	Tyr	Glu	Cys	Val	Ala	Gln	
				110					115					120	
Asn	Arg	Phe	Gly	Leu	Val	Val	Ser	Arg	Lys	Ala	Arg	Ile	Gln	Ala	
				125					130					135	
Ala	Thr	Met	Ser	Asp	Phe	His	Val	His	Pro	Gln	Ala	Thr	Val	Gly	
				140					145					150	
Glu	Glu	Gly	Gly	Val	Ala	Arg	Phe	Gln	Cys	Gln	Ile	His	Gly	Leu	
				155					160					165	
Pro	Lys	Pro	Leu	Ile	Thr	Trp	Glu	Lys	Asn	Arg	Val	Pro	Ile	Asp	
				170					175					180	
Thr	Asp	Asn	Glu	Arg	Tyr	Thr	Leu	Leu	Pro	Lys	Gly	Val	Leu	Gln	
				185					190					195	
Ile	Thr	Gly	Leu	Arg	Ala	Glu	Asp	Gly	Gly	Ile	Phe	His	Cys	Val	
				200					205					210	
Ala	Ser	Asn	Ile	Ala	Ser	Ile	Arg	Ile	Ser	His	Gly	Ala	Arg	Leu	
				215					220					225	
Thr	Val	Ser	Gly	Leu	Pro	His	Cys	Trp	Gln	Pro	Cys	Arg	Ala	Arg	
				230					235					240	
Ser	Arg	Gly	Thr	Asp	Val	Trp	Asn	Val	Leu	Val	Ser	Trp	Leu	Gly	
				245					250					255	
Leu	Trp	Gly	Leu	Gln	Gly	Ala	Ser	His	Pro	Arg	Gly	Ala			
				260					265						

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<213> Homo sapiens

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<223> Incyte ID No: 7510045CD1

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Val	Ala	Leu	Pro	Gly	Ser	Gly	Ala	Glu	Gly	Asp	Gly	Gly	Trp	Arg	
				20					25					30	
Pro	Gly	Gly	Pro	Gly	Ala	Val	Ala	Glu	Glu	Glu	Arg	Cys	Thr	Val	
				35					40					45	
Glu	Arg	Arg	Ala	Asp	Leu	Thr	Tyr	Ala	Glu	Phe	Val	Gln	Gln	Tyr	
				50					55					60	
Ala	Phe	Val	Arg	Pro	Val	Ile	Leu	Gln	Gly	Leu	Thr	Asp	Asn	Ser	
				65					70					75	
Arg	Phe	Arg	Ala	Leu	Cys	Ser	Arg	Asp	Arg	Leu	Leu	Ala	Ser	Phe	
				80					85					90	
Gly	Asp	Arg	Val	Val	Arg	Leu	Ser	Thr	Ala	Asn	Thr	Tyr	Ser	Tyr	
				95					100					105	
His	Lys	Val	Asp	Leu	Pro	Phe	Gln	Glu	Tyr	Val	Glu	Gln	Leu	Leu	
				110					115					120	
His	Pro	Gln	Asp	Pro	Thr	Ser	Leu	Gly	Asn	Asp	Thr	Leu	Tyr	Phe	
				125					130					135	
Phe	Gly	Asp	Asn	Asn	Phe	Thr	Glu	Trp	Ala	Ser	Leu	Phe	Arg	His	
				140					145					150	
Tyr	Ser	Pro	Pro	Pro	Phe	Gly	Leu	Leu	Gly	Thr	Ala	Pro	Ala	Tyr	
				155					160					165	
Ser	Phe	Gly	Ile	Ala	Gly	Ala	Gly	Ser	Gly	Val	Pro	Phe	His	Trp	
				170					175					180	
His	Gly	Pro	Gly	Tyr	Ser	Glu	Val	Ile	Tyr	Gly	Arg	Lys	Val	Ser	
				185					190					195	
Thr	Gly	Trp	Gly	Leu	Arg	Leu	Gly	Thr	Arg						
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<213> Homo sapiens

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<223> Incyte ID No: 7504804CD1

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Cys	Ser	Gly	Pro	Gly	Trp	Leu	Leu	Ser	Leu	Ser	Ala	Leu	Leu	Ser	
				20					25					30	
Val	Ala	Ala	Arg	Gly	Ala	Phe	Ala	Thr	Thr	His	Trp	Val	Val	Thr	
				35					40					45	
Glu	Asp	Gly	Lys	Ile	Gln	Gln	Gln	Val	Asp	Ser	Pro	Met	Asn	Leu	
				50					55					60	
Lys	His	Pro	His	Asp	Leu	Val	Ile	Leu	Met	Arg	Gln	Glu	Ala	Thr	
				65					70					75	
Val	Asn	Tyr	Leu	Lys	Glu	Leu	Glu	Lys	Gln	Leu	Val	Ala	Gln	Lys	
				80					85					90	
Ile	His	Ile	Glu	Glu	Asn	Glu	Asp	Arg	Asp	Thr	Gly	Leu	Glu	Gln	
				95					100					105	
Arg	His	Asn	Lys	Glu	Asp	Pro	Asp	Cys	Ile	Lys	Ala	Lys	Val	Pro	
				110					115					120	
Leu	Gly	Asp	Leu	Asp	Leu	Tyr	Asp	Gly	Thr	Tyr	Ile	Thr	Leu	Glu	
				125					130					135	
Ser	Lys	Asp	Ile	Ser	Pro	Glu	Asp	Tyr	Ile	Asp	Thr	Glu	Ser	Pro	
				140					145					150	
Val	Pro	Pro	Asp	Pro	Glu	Gln	Pro	Asp	Cys	Thr	Lys	Ile	Leu	Glu	
				155					160					165	
Leu	Pro	Tyr	Ser	Ile	His	Ala	Phe	Gln	His	Leu	Arg	Gly	Val	Gln	
				170					175					180	
Glu	Arg	Val	Asn	Leu	Ser	Ala	Pro	Leu	Leu	Pro	Lys	Glu	Asp	Pro	
				185					190					195	
Ile	Phe	Thr	Tyr	Leu	Ser	Lys	Arg	Leu	Gly	Arg	Ser	Ile	Asp	Asp	
				200					205					210	
Ile	Gly	His	Leu	Ile	His	Glu	Gly	Leu	Gln	Lys	Asn	Thr	Ser	Ser	
				215					220					225	
Trp	Val	Leu	Tyr	Asn	Met	Ala	Ser	Phe	Tyr	Trp	Arg	Ile	Lys	Asn	
				230					235					240	
Glu	Pro	Tyr	Gln	Val	Val	Glu	Cys	Ala	Met	Arg	Ala	Leu	His	Phe	
				245					250					255	
Ser	Ser	Arg	His	Asn	Lys	Asp	Ile	Ala	Leu	Val	Asn	Leu	Ala	Asn	
				260					265					270	
Val	Leu	His	Arg	Ala	His	Phe	Ser	Ala	Asp	Ala	Ala	Val	Val	Val	
				275					280					285	
His	Ala	Ala	Leu	Asp	Asp	Ser	Asp	Phe	Phe	Thr	Ser	Tyr	Tyr	Thr	
				290					295					300	
Leu	Gly	Asn	Ile	Tyr	Ala	Met	Leu	Gly	Glu	Tyr	Asn	His	Ser	Val	
				305					310					315	
Leu	Cys	Tyr	Asp	His	Ala	Leu	Gln	Ala	Arg	Pro	Gly	Phe	Glu	Gln	
				320					325					330	
Ala	Ile	Lys	Arg	Lys	His	Ala	Val	Leu	Cys	Gln	Gln	Lys	Leu	Glu	
				335					340					345	
Gln	Lys	Leu	Glu	Ala	Gln	His	Arg	Ser	Leu	Gln	Arg	Thr	Leu	Asn	
				350					355					360	
Glu	Leu	Lys	Glu	Tyr	Gln	Lys	Gln	His	Asp	His	Tyr	Leu	Arg	Gln	
				365					370					375	
Gln	Glu	Ile	Leu	Glu	Lys	His	Lys	Leu	Ile	Gln	Glu	Glu	Gln	Ile	
				380					385					390	
Leu	Arg	Asn	Ile	Ile	His	Glu	Thr	Gln	Met	Ala	Lys	Glu	Ala	Gln	
				395					400					405	
Leu	Gly	Asn	His	Gln	Ile	Cys	Arg	Leu	Val	Asn	Gln	Gln	His	Ser	
				410					415					420	

Leu	His	Cys	Gln	Trp	Asp	Gln	Pro	Val	Arg	Tyr	His	Arg	Gly	Asp	
				425					430					435	
Ile	Phe	Glu	Asn	Val	Asp	Tyr	Val	Gln	Phe	Gly	Glu	Asp	Ser	Ser	
				440					445					450	
Thr	Ser	Ser	Met	Met	Ser	Val	Asn	Phe	Asp	Val	Gln	Ser	Asn	Gln	
				455					460					465	
Ser	Asp	Ile	Asn	Asp	Ser	Val	Lys	Ser	Ser	Pro	Val	Ala	His	Ser	
				470					475					480	
Ile	Leu	Trp	Ile	Trp	Gly	Arg	Asp	Ser	Asp	Ala	Tyr	Arg	Asp	Lys	
				485					490					495	
Gln	His	Ile	Leu	Trp	Pro	Lys	Arg	Ala	Asp	Cys	Thr	Glu	Ser	Tyr	
				500					505					510	
Pro	Arg	Val	Pro	Val	Gly	Gly	Glu	Leu	Pro	Thr	Tyr	Phe	Leu	Pro	
				515					520					525	
Pro	Glu	Asn	Lys	Gly	Leu	Arg	Ile	His	Glu	Leu	Ser	Ser	Asp	Asp	
				530					535					540	
Tyr	Ser	Thr	Glu	Glu	Glu	Ala	Gln	Thr	Pro	Asp	Cys	Ser	Ile	Thr	
				545					550					555	
Asp	Phe	Arg	Lys	Ser	His	Thr	Leu	Ser	Tyr	Leu	Val	Lys	Glu	Leu	
				560					565					570	
Glu	Val	Arg	Met	Asp	Leu	Lys	Ala	Lys	Met	Pro	Asp	Asp	His	Ala	
				575					580					585	
Arg	Lys	Ile	Leu	Leu	Ser	Arg	Ile	Asn	Asn	Tyr	Thr	Ile	Pro	Glu	
				590					595					600	
Glu	Glu	Ile	Gly	Ser	Phe	Leu	Phe	His	Ala	Ile	Asn	Lys	Pro	Asn	
				605					610					615	
Ala	Pro	Ile	Trp	Leu	Ile	Leu	Asn	Glu	Ala	Gly	Leu	Tyr	Trp	Arg	
				620					625					630	
Ala	Val	Gly	Asn	Ser	Thr	Phe	Ala	Ile	Ala	Cys	Leu	Gln	Arg	Ala	
				635					640					645	
Leu	Asn	Leu	Ala	Pro	Leu	Gln	Tyr	Gln	Asp	Val	Pro	Leu	Val	Asn	
				650					655					660	
Leu	Ala	Asn	Leu	Leu	Ile	His	Tyr	Gly	Leu	His	Leu	Asp	Ala	Thr	
				665					670					675	
Lys	Leu	Leu	Leu	Gln	Ala	Leu	Ala	Ile	Asn	Ser	Ser	Glu	Pro	Leu	
				680					685					690	
Thr	Phe	Leu	Ser	Leu	Gly	Asn	Ala	Tyr	Leu	Ala	Leu	Lys	Asn	Ile	
				695					700					705	
Ser	Gly	Ala	Leu	Glu	Ala	Phe	Arg	Gln	Ala	Leu	Lys	Leu	Thr	Thr	
				710					715					720	
Lys	Cys	Pro	Glu	Cys	Glu	Asn	Ser	Leu	Lys	Leu	Ile	Arg	Cys	Met	
				725					730					735	
Gln	Phe	Tyr	Pro	Phe	Leu	Tyr	Asn	Ile	Thr	Ser	Ser	Val	Cys	Ser	
				740					745					750	
Gly	Thr	Val	Val	Glu	Glu	Ser	Asn	Gly	Ser	Asp	Glu	Met	Glu	Asn	
				755					760					765	
Ser	Asp	Glu	Thr	Lys	Met	Ser	Glu	Glu	Ile	Leu	Ala	Leu	Val	Asp	
				770					775					780	
Glu	Phe	Gln	Gln	Ala	Trp	Pro	Leu	Glu	Gly	Phe	Gly	Gly	Ala	Leu	
				785					790					795	
Glu	Met	Lys	Gly	Arg	Arg	Leu	Asp	Leu	Gln	Gly	Ile	Arg	Val	Leu	
				800					805					810	
Lys	Lys	Gly	Pro	Gln	Asp	Gly	Val	Ala	Arg	Ser	Ser	Cys	Tyr	Gly	
				815					820					825	
Asp	Cys	Arg	Ser	Glu	Asp	Asp	Glu	Ala	Thr	Glu	Trp	Ile	Thr	Phe	
				830					835					840	
Gln	Val	Lys	Arg	Val	Lys	Lys	Pro	Lys	Gly	Asp	His	Lys	Lys	Thr	
				845					850					855	
Pro	Gly	Lys	Lys	Val	Glu	Thr	Gly	Gln	Ile	Glu	Asn	Gly	His	Arg	
				860					865					870	
Tyr	Gln	Ala	Asn	Leu	Glu	Ile	Thr	Gly	Pro	Lys	Val	Ala	Ser	Pro	
				875					880					885	
Gly	Pro	Gln	Gly	Leu	Leu	Asp	Trp	Lys	Thr	Arg	Lys	Val	Pro		

890

895

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 Met Glu Val Glu Glu Ala Phe Gln Ala Val Gly Glu Met Gly Ile
 1 5 10 15
 Tyr Gln Met Tyr Leu Cys Phe Leu Leu Ala Val Leu Leu Gln Leu
 20 25 30
 Tyr Val Ala Thr Glu Ala Ile Leu Ile Ala Leu Val Gly Ala Thr
 35 40 45
 Pro Ser Tyr His Trp Asp Leu Ala Glu Leu Leu Pro Asn Gln Ser
 50 55 60
 His Gly Asn Gln Ser Ala Gly Glu Asp Gln Ala Phe Gly Asp Trp
 65 70 75
 Leu Leu Thr Ala Asn Gly Ser Glu Ile His Lys His Val His Phe
 80 85 90
 Ser Ser Ser Phe Thr Ser Ile Ala Ser Glu Val Leu Phe Asp Asp
 95 100 105
 Ser Leu Gly Phe Ser
 110

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<220>
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<400> 8
 Met Glu Val Glu Glu Ala Phe Gln Ala Val Gly Glu Met Gly Ile
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 Tyr Gln Met Tyr Leu Cys Phe Leu Leu Ala Val Leu Leu Gln Leu
 20 25 30
 Val Gln Gln Ala Leu
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 Met Pro Lys Arg Gly Lys Lys Gly Ala Val Ala Glu Asp Gly Asp
 1 5 10 15
 Glu Leu Arg Thr Gly Lys Gly Met Lys Ser Ala Leu Leu Pro Arg
 20 25 30
 Ser Cys Gly Gly Gly Val Cys His Ser Leu Asp Val Arg Ala Arg
 35 40 45
 Gly Gln Glu Glu

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<220>
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 Met Ala Phe Asn Phe Gly Ala Pro Ser Gly Thr Ser Gly Thr Ala
 1 5 10 15
 Ala Ala Thr Ala Ala Pro Ala Glu Thr His Ser Cys Cys Leu Glu
 20 25 30
 Val Gly Leu Glu Asp Leu Gly Gln His Leu Gln Leu Gln Val Leu
 35 40 45
 His Ser Ala Phe Leu Pro Gln Leu Thr Gln Ala Leu Leu Asp Ser
 50 55 60
 Leu Val Val Leu Arg Thr Lys Val Leu Asp Leu Val Leu Val Leu
 65 70 75
 Ala Gln Gln Arg Glu Leu Val Leu Val
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 Met Met Gly Ser Pro Val Ser His Leu Leu Ala Gly Phe Cys Val
 1 5 10 15
 Trp Val Val Leu Gly Trp Val Gly Gly Ser Val Pro Asn Leu Gly
 20 25 30
 Pro Ala Glu Gln Glu Gln Asn His Tyr Leu Ala Gln Leu Phe Gly
 35 40 45
 Leu Tyr Gly Glu Asn Gly Thr Leu Thr Ala Gly Gly Leu Ala Arg
 50 55 60
 Leu Leu His Ser Leu Gly Leu Gly Arg Val Gln Gly Leu Arg Leu
 65 70 75
 Gly Gln His Gly Pro Leu Thr Gly Arg Ala Ala Ser Pro Ala Ala
 80 85 90
 Asp Asn Ser Thr His Arg Pro Gln Asn Pro Glu Leu Ser Val Asp
 95 100 105
 Val Trp Ala Gly Met Pro Leu Gly Pro Ser Gly Trp Gly Asp Leu
 110 115 120
 Glu Glu Ser Lys Ala Pro His Leu Pro Arg Gly Pro Ala Pro Ser
 125 130 135
 Gly Leu Asp Leu Leu His Arg Leu Leu Leu Leu Asp His Ser Leu
 140 145 150
 Ala Asp His Leu Asn Glu Asp Cys Leu Asn Gly Ser Gln Leu Leu
 155 160 165
 Val Asn Phe Gly Leu Ser Pro Ala Ala Pro Leu Thr Pro Arg Gln
 170 175 180
 Phe Ala Leu Leu Cys Pro Ala Leu Leu Tyr Gln Ile Asp Ser Arg
 185 190 195
 Val Cys Ile Gly Ala Pro Ala Pro Ala Pro Pro Gly Asp Leu Leu
 200 205 210

Ser Gly Gln Gln Val Gly Val Gly Gly Gly His Pro Glu Ser Trp
 215 220 225
 Lys Trp Gly Pro Cys Gln Lys Gly Gly Ser Leu Gly Ser Cys Leu
 230 235 240
 Ser Leu

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<400> 12
 Met Asn Tyr Ser Leu His Leu Ala Phe Val Cys Leu Ser Leu Phe
 1 5 10 15
 Thr Glu Arg Arg Thr Arg Thr Asp Ser Ala Asp Ser Gly His Cys
 20 25 30
 Lys Tyr Leu

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<220>
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<400> 13
 Met Gly Arg Leu Leu Ala Leu Val Val Gly Ala Ala Leu Val Ser
 1 5 10 15
 Ser Ala Cys Ser Ser Ser Lys Thr Thr Ser Thr Thr Pro Ala Ser
 20 25 30
 Ser Arg Arg Ser Thr Leu Arg
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 <212> PRT
 <213> Homo sapiens

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 Met Ala Ala Gly Leu Arg Lys Arg Gly Arg Ser Gly Ser Ala Ala
 1 5 10 15
 Gln Ala Glu Gly Leu Cys Lys Gln Trp Leu Gln Arg Ala Trp Gln
 20 25 30
 Glu Arg Arg Leu Leu Leu Arg Glu Pro Arg Tyr Thr Leu Leu Val
 35 40 45
 Ala Ala Cys Leu Cys Leu Ala Glu Thr Gln Arg Leu Thr Gly Arg
 50 55 60
 Pro Thr Trp Pro Arg
 65

<210> 15

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<400> 15
 Met Glu Leu Pro Ser Gly Pro Gly Pro Glu Arg Leu Phe Asp Ser
 1 5 10 15
 His Arg Leu Pro Gly Asp Cys Phe Leu Leu Leu Val Leu Leu Leu
 20 25 30
 Tyr Ala Pro Val Gly Phe Cys Leu Leu Val Leu Arg Leu Phe Leu
 35 40 45
 Gly Ile His Val Phe Leu Val Ser Cys Ala Leu Pro Asp Ser Val
 50 55 60
 Leu Arg Arg Phe Val Val Arg Thr Met Cys Ala Val Leu Gly Leu
 65 70 75
 Val Ala Arg Gln Glu Asp Ser Gly Leu Arg Asp His Ser Val Arg
 80 85 90
 Val Leu Ile Ser Asn His Val Thr Pro Phe Asp His Asn Ile Val
 95 100 105
 Asn Leu Leu Thr Thr Cys Ser Thr Val Ser Glu Ser Glu Ala Glu
 110 115 120
 Ser Ala Thr Gly Arg Phe Pro Gly Ala Gln Leu Lys Ala Pro Leu
 125 130 135
 Ser Pro Leu Ala Phe Pro Met Glu Asp Thr Glu Pro Tyr Pro
 140 145

<210> 16
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<220>
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<400> 16
 Met Glu Leu Pro Ser Gly Pro Gly Pro Glu Arg Leu Phe Asp Ser
 1 5 10 15
 His Arg Leu Pro Gly Asp Cys Phe Leu Leu Leu Val Leu Leu Leu
 20 25 30
 Tyr Ala Pro Val Gly Phe Cys Leu Leu Val Leu Arg Leu Phe Leu
 35 40 45
 Gly Ile His Val Phe Leu Val Ser Cys Ala Leu Pro Asp Ser Val
 50 55 60
 Leu Arg Arg Phe Val Val Arg Thr Met Cys Ala Val Leu Gly Leu
 65 70 75
 Val Ala Arg Gln Glu Asp Ser Gly Leu Arg Asp His Ser Val Arg
 80 85 90
 Val Leu Ile Ser Asn His Val Thr Pro Phe Asp His Asn Ile Val
 95 100 105
 Asn Leu Leu Thr Thr Cys Ser Thr Pro Leu Leu Asn Ser Pro Pro
 110 115 120
 Ser Phe Val Cys Trp Ser Arg Gly Phe Met Glu Met Asn Gly Arg
 125 130 135
 Gly Glu Leu Val Glu Ser Leu Lys Arg Phe Cys Ala Ser Thr Arg
 140 145 150
 Leu Pro Pro Thr Pro Leu Leu Leu Phe Pro Glu Glu Glu Ala Thr
 155 160 165
 Asn Gly Arg Glu Gly Leu Leu Arg Phe Ser Ser Trp Pro Phe Ser

	170		175		180
Ile Gln Asp Val	Val Gln Pro Leu Thr	Leu Gln Val Gln Arg	Pro		
	185		190		195
Leu Val Ser Val	Thr Val Ser Asp Ala	Ser Trp Val Ser Glu	Leu		
	200		205		210
Leu Trp Ser Leu	Phe Val Pro Phe Thr	Val Tyr Gln Val Arg	Trp		
	215		220		225
Leu Arg Pro Val	His Arg Gln Leu Gly	Glu Ala Asn Glu Glu	Phe		
	230		235		240
Ala Leu Arg Val	Gln Gln Val Val Gly	Cys Thr Asp Arg Val	Glu		
	245		250		255
Ala Gly Ser Leu	Leu Arg Arg Arg Gly	Arg Lys Ala			
	260		265		

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<220>
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<400> 17

Met Ala Ser Gly Ser	Asn Trp Leu Ser Gly	Val Asn Val Val Leu
1	5	10
Val Met Ala Tyr Gly	Ser Leu Val Phe Val	Leu Leu Phe Ile Phe
	20	25
Val Lys Arg Gln Ile	Met Arg Phe Ala Met	Lys Ser Arg Arg Gly
	35	40
Pro His Val Pro Val	Gly His Asn Ala Pro	Lys Asp Leu Lys Glu
	50	55
Glu Ile Asp Ile Arg	Leu Ser Arg Val Gln	Asp Ile Lys Tyr Glu
	65	70
Pro Gln Leu Leu Ala	Asp Asp Asp Ala Arg	Leu Leu Gln Leu Glu
	80	85
Thr Gln Gly Asn Gln	Lys Ile Pro Phe His	Ser Glu Gly Arg His
	95	100
Pro Arg Ser Leu Met	Gly Lys Asn Phe Arg	Ser Tyr Leu Leu Asp
	110	115
Leu Arg Asn Thr Ser	Thr Pro Phe Lys Gly	Val Arg Lys Ala Leu
	125	130
Ile Asp Thr Leu Leu	Asp Gly Tyr Glu Thr	Ala Arg Tyr Gly Thr
	140	145
Gly Val Phe Gly Gln	Asn Glu Tyr Leu Arg	Tyr Gln Glu Ala Leu
	155	160
Ser Glu Leu Ala Thr	Ala Val Lys Ala Arg	Ile Gly Ser Ser Gln
	170	175
Arg His His Gln Ser	Ala Ala Lys Asp Leu	Thr Gln Ser Pro Glu
	185	190
Val Ser Pro Thr Thr	Ile Gln Val Thr Tyr	Leu Pro Ser Ser Gln
	200	205
Lys Ser Lys Arg Ala	Lys His Phe Leu Glu	Leu Lys Ser Phe Lys
	215	220
Asp Asn Tyr Asn Thr	Leu Glu Ser Thr Leu	
	230	235

<210> 18
 <211> 286
 <212> PRT
 <213> Homo sapiens

<220>

<221> misc_feature
 <223> Incyte ID No: 7510139CD1

<400> 18
 Met Ala Ala Val Ala Leu Met Pro Pro Pro Leu Leu Leu Leu Leu
 1 5 10 15
 Leu Leu Ala Ser Pro Pro Ala Ala Ser Ala Pro Ser Ala Arg Asp
 20 25 30
 Pro Phe Ala Pro Gln Leu Gly Asp Thr Gln Asn Cys Gln Leu Arg
 35 40 45
 Cys Arg Asp Arg Asp Leu Gly Pro Gln Pro Ser Gln Ala Gly Leu
 50 55 60
 Glu Gly Ala Ser Glu Ser Pro Tyr Asp Arg Ala Val Leu Ile Ser
 65 70 75
 Ala Cys Glu Arg Gly Cys Arg Leu Phe Ser Ile Cys Arg Phe Val
 80 85 90
 Ala Arg Ser Ser Lys Pro Asn Ala Thr Gln Thr Glu Cys Glu Ala
 95 100 105
 Ala Cys Val Glu Ala Tyr Val Lys Glu Ala Glu Gln Gln Ala Cys
 110 115 120
 Ser His Gly Cys Trp Ser Gln Pro Ala Glu Pro Glu Pro Glu Gln
 125 130 135
 Lys Arg Lys Val Leu Glu Ala Pro Ser Gly Ala Leu Ser Leu Leu
 140 145 150
 Asp Leu Phe Ser Thr Leu Cys Asn Asp Leu Val Asn Ser Ala Gln
 155 160 165
 Gly Phe Val Ser Ser Thr Trp Thr Tyr Tyr Leu Gln Thr Asp Asn
 170 175 180
 Gly Lys Val Val Val Phe Gln Thr Gln Pro Ile Val Glu Ser Leu
 185 190 195
 Gly Phe Gln Gly Gly Arg Leu Gln Arg Val Glu Val Thr Trp Arg
 200 205 210
 Gly Ser His Pro Glu Ala Leu Glu Val His Val Asp Pro Val Gly
 215 220 225
 Pro Leu Asp Lys Val Arg Lys Ala Lys Ile Arg Val Lys Thr Ser
 230 235 240
 Ser Lys Ala Lys Val Glu Ser Glu Glu Pro Gln Asp Asn Asp Phe
 245 250 255
 Leu Ser Cys Met Ser Arg Trp Val Ala Gly Pro Trp Gly Trp Glu
 260 265 270
 Gly Gly Gly Thr Gly Gly Thr Gly Leu Pro Gly Pro Gly Leu Gly
 275 280 285
 Ser

<210> 19
 <211> 47
 <212> PRT
 <213> Homo sapiens

<220>
 <221> misc_feature
 <223> Incyte ID No: 7505053CD1

<400> 19
 Met Glu Asp Ser Ala Ser Ala Ser Leu Ser Ser Ala Ala Ala Thr
 1 5 10 15
 Gly Thr Ser Thr Ser Thr Pro Ala Ala Pro Thr Ala Arg Lys Gln
 20 25 30
 Leu Asp Lys Glu Gln Asp Phe Gln Lys Asn Cys Gln Arg Ser Gly
 35 40 45
 Arg Ala

<210> 20
 <211> 240
 <212> PRT
 <213> Homo sapiens

<220>
 <221> misc_feature
 <223> Incyte ID No: 7511116CD1

<400> 20
 Met Ala Pro Trp Pro Pro Lys Gly Leu Val Pro Ala Val Leu Trp
 1 5 10 15
 Gly Leu Ser Leu Phe Leu Asn Leu Pro Gly Pro Ile Trp Leu Gln
 20 25 30
 Pro Ser Pro Pro Pro Gln Ser Ser Pro Pro Pro Gln Pro His Pro
 35 40 45
 Cys His Thr Cys Arg Gly Leu Val Asp Ser Phe Asn Lys Gly Leu
 50 55 60
 Glu Arg Thr Ile Arg Asp Asn Phe Gly Gly Gly Asn Thr Ala Trp
 65 70 75
 Glu Glu Glu Asn Leu Ser Lys Tyr Lys Asp Ser Glu Thr Arg Leu
 80 85 90
 Val Glu Val Leu Glu Gly Val Cys Ser Lys Ser Asp Phe Glu Cys
 95 100 105
 His Arg Leu Leu Glu Leu Ser Glu Glu Leu Val Glu Ser Trp Trp
 110 115 120
 Phe His Lys Gln Gln Glu Ala Pro Asp Leu Phe Gln Trp Leu Cys
 125 130 135
 Ser Asp Ser Leu Lys Leu Cys Cys Pro Ala Gly Thr Phe Gly Pro
 140 145 150
 Ser Cys Leu Pro Cys Pro Gly Gly Thr Glu Arg Pro Cys Gly Gly
 155 160 165
 Tyr Gly Gln Cys Glu Gly Glu Gly Thr Arg Gly Gly Ser Gly His
 170 175 180
 Cys Asp Cys Gln Ala Gly Tyr Gly Gly Glu Ala Cys Gly Gln Cys
 185 190 195
 Gly Leu Gly Tyr Phe Glu Ala Glu Arg Asn Ala Ser His Leu Leu
 200 205 210
 Val Leu Ala Pro Val Pro Asp Ala Gln Asp Leu Arg Asn Gln Thr
 215 220 225
 Val Cys Asn Ala Arg Arg Ala Gly Pro Cys Ile Thr Ser Ser Val
 230 235 240

<210> 21
 <211> 193
 <212> PRT
 <213> Homo sapiens

<220>
 <221> misc_feature
 <223> Incyte ID No: 7511175CD1

<400> 21
 Met Gly Asp Lys Ile Trp Leu Pro Phe Pro Val Leu Leu Leu Ala
 1 5 10 15
 Ala Leu Pro Pro Val Leu Leu Pro Gly Ala Ala Gly Phe Thr Pro
 20 25 30
 Ser Leu Asp Ser Asp Phe Thr Phe Thr Leu Pro Ala Gly Gln Lys
 35 40 45
 Glu Cys Phe Tyr Gln Pro Met Pro Leu Lys Ala Ser Leu Glu Ile
 50 55 60
 Glu Tyr Gln Val Leu Asp Gly Ala Gly Leu Asp Ile Asp Phe His

	65		70		75
Leu Ala Ser Pro	Glu Gly Lys Thr Leu Val Phe Glu Gln Arg Lys				
	80		85		90
Ser Asp Gly Val	His Thr Val Glu Thr Glu Val Gly Asp Tyr Met				
	95		100		105
Phe Cys Phe Asp	Asn Thr Phe Ser Thr Ile Ser Glu Lys Val Ile				
	110		115		120
Phe Phe Glu Leu	Ile Leu Asp Asn Met Gly Glu Gln Ala Gln Glu				
	125		130		135
Gln Glu Asp Trp	Lys Lys Tyr Ile Thr Gly Thr Asp Ile Leu Asp				
	140		145		150
Met Lys Leu Glu	Asp Ile Leu Asp Pro Ile Ile Lys Ile Ala Ser				
	155		160		165
Asp Val Gln Ile	Arg Leu His Leu Gly Ile His Gln Gln His Gln				
	170		175		180
Val Gln Thr Lys	Gln Lys Trp Ala His Thr Asn Ser Ala				
	185		190		

<210> 22
 <211> 35
 <212> PRT
 <213> Homo sapiens

<220>
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 <223> Incyte ID No: 7504660CD1

<400> 22	
Met Lys Thr Leu Leu Leu Leu Ala Val Ile Met Ile Phe Ala Ala	
1 5 10 15	
Val Ser Leu Met Thr Val Ala Thr Asn Val Trp Arg Asn Val Asp	
20 25 30	
Val Ala Pro Asn Phe	
35	

<210> 23
 <211> 77
 <212> PRT
 <213> Homo sapiens

<220>
 <221> misc_feature
 <223> Incyte ID No: 7504681CD1

<400> 23	
Met Glu Lys Arg Leu Gly Val Lys Pro Asn Pro Ala Ser Trp Ile	
1 5 10 15	
Leu Ser Gly Tyr Tyr Trp Gln Thr Ser Ala Lys Trp Leu Arg Ser	
20 25 30	
Leu Tyr Leu Phe Tyr Thr Cys Phe Cys Phe Ser Val Leu Trp Leu	
35 40 45	
Ser Thr Gly Pro Gln Gly Asp Tyr Asn Phe Gln Ser Pro Asn His	
50 55 60	
Arg Pro Asp Cys Arg Ala Val Trp Trp Ala Lys Glu Cys Ile Ser	
65 70 75	
Ala Thr	

<210> 24
 <211> 105
 <212> PRT
 <213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 7506472CD1

<400> 24

Met	Lys	Thr	Leu	Leu	Leu	Leu	Leu	Val	Leu	Leu	Glu	Leu	Gly	
1				5				10					15	
Glu	Ala	Gln	Gly	Ser	Leu	His	Arg	Trp	Asn	Thr	Ser	Ala	Leu	Ser
				20				25						30
Pro	Leu	Ala	Pro	His	His	Arg	Thr	Ser	Leu	Ser	Ser	Ser	Thr	Leu
				35				40						45
Ala	Pro	Pro	Thr	Ser	Gly	Ser	Pro	Leu	Cys	Thr	Ala	Leu	Ala	Gln
				50				55						60
Pro	Ala	Arg	Arg	Thr	Ala	Gly	Ser	Ser	Leu	Pro	Ser	Pro	Ala	His
				65				70						75
Thr	Ala	Ser	Gln	Val	Asn	Leu	Ser	Pro	Phe	Ser	Met	Glu	Pro	Gly
				80				85						90
Ala	Cys	Pro	Gly	Ser	Leu	Glu	Pro	Thr	Lys	Ser	Leu	Trp	Lys	Asp
				95				100						105

<210> 25

<211> 30

<212> PRT

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 7506483CD1

<400> 25

Met	Ala	Ser	Gly	Ser	Asn	Trp	Leu	Ser	Gly	Val	Asn	Val	Val	Leu
1				5				10						15
Val	Met	Ala	Tyr	Gly	Ser	Leu	Val	Ala	Thr	Thr	Ile	Cys	Ile	Gly
				20				25						30

<210> 26

<211> 170

<212> PRT

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 7506525CD1

<400> 26

Met	Trp	Gly	Trp	Glu	Ala	Leu	Phe	Leu	Phe	Cys	Ser	Cys	Ser	Ser
1				5				10						15
Phe	Ser	Leu	Ala	Gly	Arg	Pro	Leu	Leu	Leu	His	Ser	Gly	Pro	Val
				20				25						30
Gly	Ala	Ala	Val	Ala	Gly	Ala	Leu	Leu	Leu	Ser	Ala	Gln	Gly	
				35				40						45
Cys	Pro	Gly	Leu	His	Gln	His	Leu	Gln	His	Ala	Pro	Gly	Val	Leu
				50				55						60
Pro	Asp	Ala	Gly	Thr	Ser	Thr	Thr	Met	Ala	His	Gln	Pro	Ser	Gly
				65				70						75
Leu	Cys	Cys	Val	Asp	Gly	His	Leu	Gly	Gly	Ser	Ser	Asp	Pro	Glu
				80				85						90
Cys	Gly	Phe	Gly	Pro	Gly	Cys	Gly	Cys	Gly	Leu	Leu	His	Asp	Asp
				95				100						105
Cys	Gly	Leu	Pro	His	Pro	Glu	Leu	Leu	Gln	Val	Pro	Gly	Leu	Cys
				110				115						120

Ile	Leu	Ser	Tyr	Pro	Thr	Pro	Leu	Tyr	Phe	Gly	Thr	Arg	Gly	Gln	
				125						130				135	
Phe	Arg	Cys	Asn	Leu	Glu	Trp	His	Leu	Gly	Leu	Gly	Glu	Gly	Glu	
				140						145				150	
Lys	Glu	Thr	Ser	Lys	Pro	Asp	Gly	Pro	Met	Val	Ala	Ala	Gly	Gln	
				155						160				165	
Pro	Met	Ser	Arg	Cys											
				170											

<210> 27

<211> 978

<212> PRT

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 7506549CD1

<400> 27

Met	Ala	Pro	Pro	Thr	Gly	Val	Leu	Ser	Ser	Leu	Leu	Leu	Leu	Val	
1				5					10					15	
Thr	Ile	Ala	Gly	Cys	Ala	Arg	Lys	Gln	Cys	Ser	Glu	Gly	Arg	Thr	
				20					25					30	
Tyr	Ser	Asn	Ala	Val	Ile	Ser	Pro	Asn	Leu	Glu	Thr	Thr	Arg	Ile	
				35					40					45	
Met	Arg	Val	Ser	His	Thr	Phe	Pro	Val	Val	Asp	Cys	Thr	Ala	Ala	
				50					55					60	
Cys	Cys	Asp	Leu	Ser	Ser	Cys	Asp	Leu	Ala	Trp	Trp	Phe	Glu	Gly	
				65					70					75	
Arg	Cys	Tyr	Leu	Val	Ser	Cys	Pro	His	Lys	Glu	Asn	Cys	Glu	Pro	
				80					85					90	
Lys	Lys	Met	Gly	Pro	Ile	Arg	Ser	Tyr	Leu	Thr	Phe	Val	Leu	Arg	
				95					100					105	
Pro	Val	Gln	Arg	Pro	Ala	Gln	Leu	Leu	Asp	Tyr	Gly	Asp	Met	Met	
				110					115					120	
Leu	Asn	Arg	Gly	Ser	Pro	Ser	Gly	Ile	Trp	Gly	Asp	Ser	Pro	Glu	
				125					130					135	
Asp	Ile	Arg	Lys	Asp	Leu	Pro	Phe	Leu	Gly	Lys	Asp	Trp	Gly	Leu	
				140					145					150	
Glu	Glu	Met	Ser	Glu	Tyr	Ser	Asp	Asp	Tyr	Arg	Glu	Leu	Glu	Lys	
				155					160					165	
Asp	Leu	Leu	Gln	Pro	Ser	Gly	Lys	Gln	Glu	Pro	Arg	Gly	Ser	Ala	
				170					175					180	
Glu	Tyr	Thr	Asp	Trp	Gly	Leu	Leu	Pro	Gly	Ser	Glu	Gly	Ala	Phe	
				185					190					195	
Asn	Ser	Ser	Val	Gly	Asp	Ser	Pro	Ala	Val	Pro	Ala	Glu	Thr	Gln	
				200					205					210	
Gln	Asp	Pro	Glu	Leu	His	Tyr	Leu	Asn	Glu	Ser	Ala	Ser	Thr	Pro	
				215					220					225	
Ala	Pro	Lys	Leu	Pro	Glu	Arg	Ser	Val	Leu	Leu	Pro	Leu	Pro	Thr	
				230					235					240	
Thr	Pro	Ser	Ser	Gly	Glu	Val	Leu	Glu	Lys	Glu	Lys	Ala	Ser	Gln	
				245					250					255	
Leu	Gln	Glu	Gln	Ser	Ser	Asn	Ser	Ser	Gly	Lys	Glu	Val	Leu	Met	
				260					265					270	
Pro	Ser	His	Ser	Leu	Pro	Pro	Ala	Ser	Leu	Glu	Leu	Ser	Ser	Val	
				275					280					285	
Thr	Val	Glu	Lys	Ser	Pro	Val	Leu	Thr	Val	Thr	Pro	Gly	Ser	Thr	
				290					295					300	
Glu	His	Ser	Ile	Pro	Thr	Pro	Pro	Thr	Ser	Ala	Ala	Pro	Ser	Glu	
				305					310					315	
Ser	Thr	Pro	Ser	Glu	Leu	Pro	Ile	Ser	Pro	Thr	Thr	Ala	Pro	Arg	
				320					325					330	

Thr	Val	Lys	Glu	Leu	Thr	Val	Ser	Ala	Gly	Asp	Asn	Leu	Ile	Ile
				335					340					345
Thr	Leu	Pro	Asp	Asn	Glu	Val	Glu	Leu	Lys	Ala	Phe	Val	Ala	Pro
				350					355					360
Ala	Pro	Pro	Val	Glu	Thr	Thr	Tyr	Asn	Tyr	Glu	Trp	Asn	Leu	Ile
				365					370					375
Ser	His	Pro	Thr	Asp	Tyr	Gln	Gly	Glu	Ile	Lys	Gln	Gly	His	Lys
				380					385					390
Gln	Thr	Leu	Asn	Leu	Ser	Gln	Leu	Ser	Val	Gly	Leu	Tyr	Val	Phe
				395					400					405
Lys	Val	Thr	Val	Ser	Ser	Glu	Asn	Ala	Phe	Gly	Glu	Gly	Phe	Val
				410					415					420
Asn	Val	Thr	Val	Lys	Pro	Ala	Arg	Arg	Val	Asn	Leu	Pro	Pro	Val
				425					430					435
Ala	Val	Val	Ser	Pro	Gln	Leu	Gln	Glu	Leu	Thr	Leu	Pro	Leu	Thr
				440					445					450
Ser	Ala	Leu	Ile	Asp	Gly	Ser	Gln	Ser	Thr	Asp	Asp	Thr	Glu	Ile
				455					460					465
Val	Ser	Tyr	His	Trp	Glu	Glu	Ile	Asn	Gly	Pro	Phe	Ile	Glu	Glu
				470					475					480
Lys	Thr	Ser	Val	Asp	Ser	Pro	Val	Leu	Arg	Leu	Ser	Asn	Leu	Asp
				485					490					495
Pro	Gly	Asn	Tyr	Ser	Phe	Arg	Leu	Thr	Val	Thr	Asp	Ser	Asp	Gly
				500					505					510
Ala	Thr	Asn	Ser	Thr	Thr	Ala	Ala	Leu	Ile	Val	Asn	Asn	Ala	Val
				515					520					525
Asp	Tyr	Pro	Pro	Val	Ala	Asn	Ala	Gly	Pro	Asn	His	Thr	Ile	Thr
				530					535					540
Leu	Pro	Gln	Asn	Ser	Ile	Thr	Leu	Asn	Gly	Asn	Gln	Ser	Ser	Asp
				545					550					555
Asp	His	Gln	Ile	Val	Leu	Tyr	Glu	Trp	Ser	Leu	Gly	Pro	Gly	Ser
				560					565					570
Glu	Gly	Lys	His	Val	Val	Met	Gln	Gly	Val	Gln	Thr	Pro	Tyr	Leu
				575					580					585
His	Leu	Ser	Ala	Met	Gln	Glu	Gly	Asp	Tyr	Thr	Phe	Gln	Leu	Lys
				590					595					600
Val	Thr	Asp	Ser	Ser	Arg	Gln	Gln	Ser	Thr	Ala	Val	Val	Thr	Val
				605					610					615
Ile	Val	Gln	Pro	Glu	Asn	Asn	Arg	Pro	Pro	Val	Ala	Val	Ala	Gly
				620					625					630
Pro	Asp	Lys	Glu	Leu	Ile	Phe	Pro	Val	Glu	Ser	Ala	Thr	Leu	Asp
				635					640					645
Gly	Ser	Ser	Ser	Ser	Asp	Asp	His	Gly	Ile	Val	Phe	Tyr	His	Trp
				650					655					660
Glu	His	Val	Arg	Gly	Pro	Ser	Ala	Val	Glu	Met	Glu	Asn	Ile	Asp
				665					670					675
Lys	Ala	Ile	Ala	Thr	Val	Thr	Gly	Leu	Gln	Val	Gly	Thr	Tyr	His
				680					685					690
Phe	Arg	Leu	Thr	Val	Lys	Asp	Gln	Gln	Gly	Leu	Ser	Ser	Thr	Ser
				695					700					705
Thr	Leu	Thr	Val	Ala	Val	Lys	Lys	Glu	Asn	Asn	Ser	Pro	Pro	Arg
				710					715					720
Ala	Arg	Ala	Gly	Gly	Arg	His	Val	Leu	Val	Leu	Pro	Asn	Asn	Ser
				725					730					735
Ile	Thr	Leu	Asp	Gly	Ser	Arg	Ser	Thr	Asp	Asp	Gln	Arg	Ile	Val
				740					745					750
Ser	Tyr	Leu	Trp	Ile	Arg	Asp	Gly	Gln	Ser	Pro	Ala	Ala	Gly	Asp
				755					760					765
Val	Ile	Asp	Gly	Ser	Asp	His	Ser	Val	Ala	Leu	Gln	Leu	Thr	Asn
				770					775					780
Leu	Val	Glu	Gly	Val	Tyr	Thr	Phe	His	Leu	Arg	Val	Thr	Asp	Ser
				785					790					795
Gln	Gly	Ala	Ser	Asp	Thr	Asp	Thr	Ala	Thr	Val	Glu	Val	Gln	Pro

Asp Pro Arg Lys	800	805	810
Ser Gly Leu Val Glu	815	820	825
Val Gly Gln Leu Thr	830	835	840
Leu Ala Val Leu Leu	845	850	855
Lys Ile Arg Ala His	860	865	870
Val Gln Ser Arg Pro	875	880	885
Ala Arg Asn Leu His	890	895	900
Leu Leu Phe Lys Val	905	910	915
Lys Cys Ser Gly His	920	925	930
Ile Cys Ser His Leu	935	940	945
Trp Asp Gly Glu Ser	950	955	960
Lys Lys Gln Ser Thr	965	970	975
Glu Trp Asn			

<210> 28
 <211> 128
 <212> PRT
 <213> Homo sapiens

<220>
 <221> misc_feature
 <223> Incyte ID No: 7506683CD1

Met Pro Ser Pro Leu	5	10	15
Cys Gly Arg Asn Pro	20	25	30
Pro Gly Leu Leu Gly	35	40	45
Gly Phe Gly Ala Thr	50	55	60
Ser Leu Lys Arg Pro	65	70	75
Ala Glu Ala Glu Ala	80	85	90
Gly Cys Arg Arg His	95	100	105
Ala Gly Gly Arg Gly	110	115	120
His Arg Ala Leu Cys	125		
Ala Ser Gly Pro Val			
Glu Asp Gly His Ser			

<210> 29
 <211> 31
 <212> PRT
 <213> Homo sapiens

<220>
 <221> misc_feature
 <223> Incyte ID No: 7510814CD1

<400> 29

Met	Asp	His	Cys	Gly	Ala	Leu	Phe	Leu	Cys	Leu	Cys	Leu	Leu	Thr
1				5					10					15
Leu	Gln	Asn	Ala	Thr	Thr	Val	Asn	Ser	Thr	Ser	Trp	Ser	Arg	Cys
				20					25					30

Tyr

<210> 30

<211> 38

<212> PRT

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 7504727CD1

<400> 30

Met	Ala	Ala	Ala	Ala	Arg	Ala	Arg	Val	Ala	Tyr	Leu	Leu	Arg	Gln
1				5					10					15
Leu	Gln	Arg	Ala	Ala	Cys	Gln	Cys	Pro	Thr	His	Ser	His	Thr	Tyr
				20					25					30
Ser	Gln	Asp	Gly	Cys	Phe	Lys	Tyr							
				35										

<210> 31

<211> 32

<212> PRT

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 7506958CD1

<400> 31

Met	Lys	Thr	Lys	Leu	Asn	Ile	Tyr	Asn	Ile	Glu	Phe	Leu	Leu	Phe
1				5					10					15
Val	Phe	Leu	Val	Trp	Asp	Pro	Ala	Arg	Asp	Gln	Ser	Gly	Arg	Thr
				20					25					30

Arg Leu

<210> 32

<211> 61

<212> PRT

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 7505332CD1

<400> 32

Met	His	Val	Val	Ala	Pro	Ala	Ser	Leu	Arg	Leu	Gly	Thr	Gly	Thr
1				5					10					15
Asn	Leu	Pro	Pro	Ser	Pro	Thr	Cys	Leu	Thr	Lys	Leu	Ala	Leu	Pro
				20					25					30
Pro	Ala	Ala	Glu	Pro	Ser	Leu	Leu	Ala	Met	Ser	Gln	Ser	Arg	His
				35					40					45
Arg	Ala	Glu	Ala	Pro	Pro	Leu	Glu	Arg	Glu	Asp	Ser	Gly	Thr	Phe
				50					55					60

Arg

<210> 33
 <211> 41
 <212> PRT
 <213> Homo sapiens

<220>
 <221> misc_feature
 <223> Incyte ID No: 7505364CD1

<400> 33
 Met Pro Asp Glu Asn Ile Phe Leu Phe Val Pro Asn Leu Ile Ala
 1 5 10 15
 Ala Cys Trp Thr Leu Ser Met Asp Thr Leu Leu Ala Leu Leu Ile
 20 25 30
 Lys Glu Pro Gly Leu Gly Pro Cys Trp Thr Cys
 35 40

<210> 34
 <211> 54
 <212> PRT
 <213> Homo sapiens

<220>
 <221> misc_feature
 <223> Incyte ID No: 7505455CD1

<400> 34
 Met Trp Ser Gly Arg Lys Leu Gly Ser Ser Gly Gly Trp Phe Leu
 1 5 10 15
 Arg Val Leu Gly Pro Gly Gly Cys Asn Thr Lys Ala Ala Arg Pro
 20 25 30
 Leu Ile Ser Ser Ala Gly Thr Leu Gly Arg Asp Cys Thr Val Leu
 35 40 45
 Pro Lys Pro Leu Ser Thr Ala Val Arg
 50

<210> 35
 <211> 77
 <212> PRT
 <213> Homo sapiens

<220>
 <221> misc_feature
 <223> Incyte ID No: 7505641CD1

<400> 35
 Met Ala Asn Phe Lys Gly His Ala Leu Pro Gly Ser Phe Phe Leu
 1 5 10 15
 Ile Ile Gly Leu Cys Trp Ser Val Lys Tyr Pro Leu Lys Tyr Phe
 20 25 30
 Ser His Thr Arg Lys Asn Ser Pro Leu His Tyr Tyr Gln Arg Leu
 35 40 45
 Glu Ile Val Glu Ala Ala Ile Arg Thr Leu Phe Ser Val Thr Asp
 50 55 60
 Trp Val Cys Ala Val Pro Thr Phe Trp Asn Thr Arg Met Gly Pro
 65 70 75
 Glu Gly

<210> 36
 <211> 89
 <212> PRT
 <213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 7511242CD1

<400> 36

Met	Lys	Leu	Glu	Ile	Leu	Ser	Phe	Ser	Val	Leu	Asn	Leu	Leu	Ser
1				5					10					15
Cys	Ala	Ile	Leu	Phe	Leu	Val	Gln	Lys	Tyr	Thr	Ser	Pro	Cys	Lys
				20					25					30
Ile	Lys	Asn	Val	Ile	Ile	Pro	Asp	Lys	Asn	Phe	Lys	Leu	Cys	Ser
				35					40					45
Met	Lys	Ser	Trp	Ser	Trp	Ser	Asn	Ser	Leu	Lys	Arg	Phe	Ile	Glu
				50					55					60
Ile	Gln	Arg	Gly	His	Glu	Arg	His	Ala	Leu	Thr	Pro	Pro	Pro	Trp
				65					70					75
Gly	Pro	Asp	Ala	Asp	Thr	Glu	Ser	Tyr	Val	Gly	Asn	Arg	Lys	
				80					85					

<210> 37

<211> 229

<212> PRT

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 7506564CD1

<400> 37

Met	Glu	Leu	Val	Arg	Arg	Leu	Met	Pro	Leu	Thr	Leu	Leu	Ile	Leu
1				5					10					15
Ser	Cys	Leu	Ala	Glu	Leu	Thr	Met	Ala	Glu	Ala	Glu	Gly	Asn	Ala
				20					25					30
Ser	Cys	Thr	Val	Ser	Leu	Gly	Gly	Ala	Asn	Met	Ala	Glu	Thr	His
				35					40					45
Lys	Ala	Met	Ile	Leu	Gln	Leu	Asn	Pro	Ser	Glu	Asn	Cys	Thr	Trp
				50					55					60
Thr	Ile	Glu	Arg	Pro	Glu	Asn	Lys	Ser	Ile	Arg	Ile	Ile	Phe	Ser
				65					70					75
Tyr	Val	Gln	Leu	Asp	Pro	Asp	Gly	Ser	Cys	Glu	Ser	Glu	Asn	Ile
				80					85					90
Lys	Val	Phe	Asp	Gly	Thr	Ser	Ser	Asn	Gly	Pro	Leu	Leu	Gly	Gln
				95					100					105
Val	Cys	Ser	Lys	Asn	Asp	Tyr	Val	Pro	Val	Phe	Glu	Ser	Ser	Ser
				110					115					120
Ser	Thr	Leu	Thr	Phe	Gln	Ile	Val	Thr	Asp	Ser	Ala	Arg	Ile	Gln
				125					130					135
Arg	Thr	Val	Phe	Val	Phe	Tyr	Tyr	Phe	Phe	Ser	Pro	Asn	Ile	Ser
				140					145					150
Ile	Pro	Asn	Cys	Gly	Gly	Tyr	Leu	Asp	Thr	Leu	Glu	Gly	Ser	Phe
				155					160					165
Thr	Ser	Pro	Asn	Tyr	Pro	Lys	Pro	His	Pro	Glu	Leu	Ala	Tyr	Cys
				170					175					180
Val	Trp	His	Ile	Gln	Val	Glu	Lys	Asp	Tyr	Lys	Ile	Lys	Leu	Asn
				185					190					195
Phe	Lys	Glu	Ile	Leu	Leu	Cys	Gln	Phe	Leu	Pro	Gly	Ile	Phe	Cys
				200					205					210
Phe	Leu	His	Leu	Asn	Leu	Cys	Arg	Lys	His	Gln	His	Tyr	Ile	Phe
				215					220					225
Asn	Leu	Leu	Phe											

<210> 38

<211> 244

<212> PRT
<213> Homo sapiens

<220>
<221> misc_feature
<223> Incyte ID No: 7509076CD1

<400> 38
Met Gly Ser Arg Ala Glu Leu Cys Thr Leu Leu Gly Gly Phe Ser
1 5 10 15
Phe Leu Leu Leu Leu Ile Pro Gly Glu Gly Ala Lys Gly Gly Ser
20 25 30
Leu Arg Glu Ser Gln Gly Val Cys Ser Lys Gln Thr Leu Val Val
35 40 45
Pro Leu His Tyr Asn Glu Ser Tyr Ser Gln Pro Val Tyr Lys Pro
50 55 60
Tyr Leu Thr Leu Cys Ala Gly Arg Arg Ile Cys Ser Thr Tyr Arg
65 70 75
Thr Met Tyr Arg Val Met Trp Arg Glu Val Arg Arg Glu Val Gln
80 85 90
Gln Thr His Ala Val Cys Cys Gln Gly Trp Lys Lys Arg His Pro
95 100 105
Gly Ala Leu Thr Cys Glu Ala Ile Cys Ala Lys Pro Cys Leu Asn
110 115 120
Gly Gly Val Cys Val Arg Pro Asp Gln Cys Glu Cys Ala Pro Gly
125 130 135
Trp Gly Gly Lys His Cys His Val Asp Val Asp Glu Cys Arg Thr
140 145 150
Ser Ile Thr Leu Cys Ser His His Cys Phe Asn Thr Ala Gly Ser
155 160 165
Phe Thr Cys Gly Cys Pro His Asp Leu Val Leu Gly Val Asp Gly
170 175 180
Arg Thr Cys Met Glu Gly Ser Pro Glu Pro Pro Thr Ser Ala Ser
185 190 195
Ile Leu Ser Val Ala Val Arg Glu Ala Glu Lys Asp Glu Arg Ala
200 205 210
Leu Lys Gln Glu Ile His Glu Leu Arg Gly Arg Leu Glu Arg Leu
215 220 225
Glu Gln Val Ser Gln Ala Cys Trp Val Gly Arg Gly Gln Thr Ser
230 235 240
Leu Ser Ile Pro

<210> 39
<211> 293
<212> PRT
<213> Homo sapiens

<220>
<221> misc_feature
<223> Incyte ID No: 7506666CD1

<400> 39
Met Glu Ser Arg Gly Pro Leu Ala Thr Ser Arg Leu Leu Leu Leu
1 5 10 15
Leu Leu Leu Leu Leu Leu Arg His Thr Arg Gln Gly Trp Ala Leu
20 25 30
Arg Pro Val Leu Pro Thr Gln Ser Ala His Asp Pro Pro Ala Val
35 40 45
His Leu Ser Asn Gly Pro Gly Gln Glu Pro Ile Ala Val Met Thr
50 55 60
Phe Asp Leu Thr Lys Ile Thr Lys Thr Ser Ser Ser Phe Glu Val
65 70 75

Arg	Thr	Trp	Asp	Pro	Glu	Gly	Val	Ile	Phe	Tyr	Gly	Asp	Thr	Asn	
				80					85					90	
Pro	Lys	Asp	Asp	Trp	Phe	Met	Leu	Gly	Leu	Arg	Asp	Gly	Arg	Pro	
				95					100					105	
Glu	Ile	Gln	Leu	His	Asn	His	Trp	Ala	Gln	Leu	Thr	Val	Gly	Ala	
				110					115					120	
Gly	Pro	Arg	Leu	Asp	Asp	Gly	Arg	Trp	His	Gln	Val	Glu	Val	Lys	
				125					130					135	
Met	Glu	Gly	Asp	Ser	Val	Leu	Leu	Glu	Val	Asp	Gly	Glu	Glu	Val	
				140					145					150	
Leu	Arg	Leu	Arg	Gln	Val	Ser	Gly	Pro	Leu	Thr	Ser	Lys	Arg	His	
				155					160					165	
Pro	Ile	Met	Arg	Ile	Ala	Leu	Gly	Gly	Leu	Leu	Phe	Pro	Ala	Ser	
				170					175					180	
Asn	Leu	Arg	Leu	Pro	Leu	Val	Pro	Ala	Leu	Asp	Gly	Cys	Leu	Arg	
				185					190					195	
Arg	Asp	Ser	Trp	Leu	Asp	Lys	Gln	Ala	Glu	Ile	Ser	Ala	Ser	Ala	
				200					205					210	
Pro	Thr	Ser	Leu	Arg	Ser	Cys	Asp	Val	Glu	Ser	Asn	Pro	Gly	Ile	
				215					220					225	
Phe	Leu	Pro	Pro	Gly	Thr	Gln	Ala	Glu	Phe	Asn	Leu	Arg	Asp	Ile	
				230					235					240	
Pro	Gln	Pro	His	Ala	Glu	Pro	Trp	Ala	Phe	Ser	Leu	Asp	Leu	Gly	
				245					250					255	
Leu	Lys	Gln	Ala	Ala	Gly	Ser	Gly	His	Leu	Leu	Ala	Leu	Gly	Thr	
				260					265					270	
Pro	Glu	Asn	Pro	Ser	Trp	Leu	Ser	Leu	His	Leu	Gln	Asp	Gln	Glu	
				275					280					285	
Lys	Thr	Leu	Pro	Pro	Leu	Phe	Ala								
				290											

<210> 40

<211> 272

<212> PRT

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 7511731CD1

<400> 40

Met	Leu	Leu	Ile	Leu	Leu	Ser	Val	Ala	Leu	Leu	Ala	Leu	Ser	Ser	
1				5					10					15	
Ala	Gln	Asn	Leu	Asn	Glu	Asp	Val	Ser	Gln	Glu	Glu	Ser	Pro	Ser	
				20					25					30	
Leu	Ile	Ala	Gly	Asn	Pro	Gln	Gly	Pro	Ser	Pro	Gln	Gly	Gly	Asn	
				35					40					45	
Lys	Pro	Gln	Gly	Pro	Pro	Pro	Pro	Pro	Gly	Lys	Pro	Gln	Gly	Pro	
				50					55					60	
Pro	Pro	Gln	Gly	Gly	Asn	Lys	Pro	Gln	Gly	Pro	Pro	Pro	Pro	Gly	
				65					70					75	
Lys	Pro	Gln	Gly	Pro	Pro	Pro	Gln	Gly	Asp	Asn	Lys	Ser	Gln	Ser	
				80					85					90	
Ala	Arg	Ser	Pro	Pro	Gly	Lys	Pro	Gln	Gly	Pro	Pro	Pro	Gln	Gly	
				95					100					105	
Gly	Asn	Gln	Pro	Gln	Gly	Pro	Pro	Pro	Pro	Pro	Gly	Lys	Pro	Gln	
				110					115					120	
Gly	Pro	Pro	Pro	Gln	Gly	Gly	Asn	Lys	Ser	Gln	Gly	Pro	Pro	Pro	
				125					130					135	
Pro	Gly	Lys	Pro	Gln	Gly	Pro	Pro	Pro	Pro	Gly	Gly	Ser	Lys	Ser	
				140					145					150	
Arg	Ser	Ser	Arg	Ser	Pro	Pro	Gly	Lys	Pro	Gln	Gly	Pro	Pro	Pro	
				155					160					165	

Gln Gly Gly Asn	Gln Pro Gln Gly Pro	Pro Pro Pro Pro Gly	Lys
170		175	180
Pro Gln Gly Pro	Pro Pro Gln Gly Gly	Asn Lys Pro Gln Gly	Pro
185		190	195
Pro Pro Pro Gly	Lys Pro Gln Gly Pro	Pro Pro Gln Gly Gly	Ser
200		205	210
Lys Ser Arg Ser	Ala Arg Ser Pro Pro	Gly Lys Pro Gln Gly	Pro
215		220	225
Pro Gln Gln Glu	Gly Asn Asn Pro Gln	Gly Pro Pro Pro Pro	Ala
230		235	240
Gly Gly Asn Pro	Gln Gln Pro Gln Ala	Pro Pro Ala Gly Gln	Pro
245		250	255
Gln Gly Pro Pro	Arg Pro Pro Gln Gly	Gly Arg Pro Ser Arg	Pro
260		265	270
Pro Gln			

<210> 41

<211> 230

<212> PRT

<213> Homo sapiens .

<220>

<221> misc_feature

<223> Incyte ID No: 7511735CD1

<400> 41

Met Leu Leu Ile Leu	Leu Ser Val Ala Leu	Leu Ala Leu Ser Ser
1	5	10
Ala Gln Asn Leu Asn	Glu Asp Val Ser	Gln Glu Ser Pro Ser
20		25
Leu Ile Ala Gly Asn	Pro Gln Gly Ala Pro	Pro Gln Gly Gly Asn
35		40
Lys Pro Gln Gly Pro	Pro Ser Pro Pro Gly	Lys Pro Gln Gly Pro
50		55
Pro Pro Gln Gly Gly	Asn Gln Pro Gln Gly	Pro Pro Pro Pro Pro
65		70
Gly Lys Pro Gln Gly	Pro Pro Pro Gln Gly	Gly Asn Lys Pro Gln
80		85
Gly Pro Pro Pro Pro	Gly Lys Pro Gln Gly	Pro Pro Pro Gln Gly
95		100
Asp Lys Ser Arg Ser	Pro Arg Ser Pro	Gly Lys Pro Gln Gly
110		115
Pro Pro Pro Gln Gly	Gly Asn Gln Pro	Gln Gly Pro Pro Pro
125		130
Pro Gly Lys Pro Gln	Gly Pro Pro Pro	Gln Gly Gly Asn Lys
140		145
Gln Gly Pro Pro Pro	Pro Gly Lys Pro	Gln Gly Pro Pro Pro
155		160
Gly Gly Ser Lys Ser	Arg Ser Ala Arg	Ser Pro Pro Gly Lys
170		175
Gln Gly Pro Pro Gln	Gln Glu Gly Asn	Asn Pro Gln Gly Pro
185		190
Pro Pro Ala Gly Gly	Asn Pro Gln Gln	Pro Gln Ala Pro Pro
200		205
Gly Gln Pro Gln Gly	Pro Pro Arg Pro	Pro Gln Gly Gly Arg
215		220
Ser Arg Pro Pro Gln		
230		

<210> 42

<211> 126

<212> PRT

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 7511729CD1

<400> 42

Met	Thr	Leu	Phe	His	Phe	Gly	Asn	Cys	Phe	Ala	Leu	Ala	Tyr	Phe	
1				5					10					15	
Pro	Tyr	Phe	Ile	Thr	Tyr	Lys	Cys	Ser	Gly	Leu	Ser	Glu	Tyr	Asn	
				20					25					30	
Ala	Phe	Trp	Lys	Cys	Val	Gln	Ala	Gly	Val	Thr	Tyr	Leu	Phe	Val	
				35					40					45	
Gln	Leu	Cys	Lys	Met	Leu	Phe	Leu	Ala	Thr	Phe	Phe	Pro	Thr	Trp	
				50					55					60	
Glu	Gly	Gly	Ile	Tyr	Asp	Phe	Ile	Gly	Glu	Phe	Met	Lys	Ala	Ser	
				65					70					75	
Val	Asp	Val	Ala	Asp	Leu	Ile	Gly	Leu	Asn	Leu	Val	Met	Ser	Arg	
				80					85					90	
Asn	Ala	Gly	Lys	Gly	Glu	Tyr	Lys	Ile	Met	Val	Ala	Ala	Leu	Gly	
				95					100					105	
Trp	Ala	Thr	Ala	Glu	Leu	Ile	Met	Ser	Arg	Ser	Ile	Thr	Ser	Ser	
				110					115					120	
Arg	Leu	Leu	Arg	Ser	Gly										
				125											

<210> 43

<211> 114

<212> PRT

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 7511255CD1

<400> 43

Met	Ala	Thr	Cys	Ala	Glu	Ile	Leu	Arg	Ser	Glu	Phe	Pro	Glu	Ile	
1				5					10					15	
Asp	Gly	Gln	Val	Phe	Asp	Tyr	Val	Thr	Gly	Val	Leu	His	Ser	Gly	
				20					25					30	
Ser	Ala	Asp	Phe	Glu	Ser	Val	Asp	Asp	Leu	Val	Glu	Ala	Val	Gly	
				35					40					45	
Glu	Leu	Leu	Gln	Glu	Val	Ser	Gly	Asp	Ser	Lys	Asp	Asp	Ala	Gly	
				50					55					60	
Ile	Arg	Ala	Val	Cys	Gln	Arg	Met	Tyr	Asn	Thr	Leu	Arg	Leu	Ala	
				65					70					75	
Glu	Pro	Gln	Ser	Gln	Gly	Asn	Ser	Gln	Val	Leu	Leu	Asp	Ala	Pro	
				80					85					90	
Ile	Gln	Leu	Ser	Lys	Ile	Thr	Glu	Asn	Tyr	Asp	Ser	Glu	Cys	Lys	
				95					100					105	
Glu	Val	Arg	Glu	Gly	Arg	Gly	Ser	Thr							
				110											

<210> 44

<211> 40

<212> PRT

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 7511628CD1

<400> 44

Met	Thr	Arg	Gly	Gly	Pro	Gly	Gly	Arg	Pro	Gly	Leu	Pro	Gln	Pro
1				5					10					15
Pro	Pro	Leu	Leu	Leu	Leu	Leu	Leu	Leu	Leu	Pro	Leu	Leu	Leu	Val
				20					25					30
Thr	Ala	Glu	Pro	Pro	Lys	Pro	Ala	Asp	Thr					
				35					40					

<210> 45
 <211> 38
 <212> PRT
 <213> Homo sapiens

<220>
 <221> misc_feature
 <223> Incyte ID No: 7511657CD1

<400> 45
Met Arg Ser Ala Ala Val Leu Ala Leu Leu Leu Cys Ala Gly Gln
1 5 10 15
Val Thr Ala Leu Pro Val Asn Ser Pro Met Asn Lys Gly Asp Thr
20 25 30
Glu Met Asn Gly Ser Phe Pro Phe
35

<210> 46
 <211> 334
 <212> PRT
 <213> Homo sapiens

<220>
 <221> misc_feature
 <223> Incyte ID No: 7512343CD1

<400> 46
Met Ala Leu Pro Pro Gly Pro Ala Ala Leu Arg His Thr Leu Leu
1 5 10 15
Leu Leu Pro Ala Leu Leu Ser Ser Gly Gly Pro Gly Thr Pro Arg
20 25 30
Leu Ala Trp Tyr Leu Asp Gly Gln Leu Gln Glu Ala Ser Thr Ser
35 40 45
Arg Leu Leu Ser Val Gly Gly Glu Ala Phe Ser Gly Gly Thr Ser
50 55 60
Thr Phe Thr Val Thr Ala His Arg Ala Gln His Glu Leu Asn Cys
65 70 75
Ser Leu Gln Asp Pro Arg Ser Gly Arg Ser Ala Asn Ala Ser Val
80 85 90
Ile Leu Asn Val Gln Phe Lys Pro Glu Ile Ala Gln Val Gly Ala
95 100 105
Lys Tyr Gln Glu Ala Gln Gly Pro Gly Leu Leu Val Val Leu Phe
110 115 120
Ala Leu Val Arg Ala Asn Pro Pro Ala Asn Val Thr Trp Ile Asp
125 130 135
Gln Asp Gly Pro Val Thr Val Asn Thr Ser Asp Phe Leu Val Leu
140 145 150
Asp Ala Gln Asn Tyr Pro Trp Leu Thr Asn His Thr Val Gln Leu
155 160 165
Gln Leu Arg Ser Leu Ala His Asn Leu Ser Val Val Ala Thr Asn
170 175 180
Asp Val Gly Val Thr Ser Ala Ser Leu Pro Ala Pro Gly Leu Leu
185 190 195
Ala Thr Arg Val Glu Val Pro Leu Leu Gly Ile Val Val Ala Ala
200 205 210
Gly Leu Ala Leu Gly Thr Leu Val Gly Phe Ser Thr Leu Val Ala

	215		220		225
Cys Leu Val Cys	Arg Lys Glu Lys Lys	Thr Lys Gly Pro Ser	Arg		
	230		235		240
His Pro Ser Leu	Ile Ser Ser Asp Ser	Asn Asn Leu Lys Leu	Asn		
	245		250		255
Asn Val Arg Leu	Pro Arg Glu Asn Met	Ser Leu Pro Ser Asn	Leu		
	260		265		270
Gln Leu Asn Asp	Leu Thr Pro Asp Ser	Arg Ala Val Lys Pro	Ala		
	275		280		285
Asp Arg Gln Met	Ala Gln Asn Asn Ser	Arg Pro Glu Leu Leu	Asp		
	290		295		300
Pro Glu Pro Gly	Gly Leu Leu Thr Ser	Gln Gly Phe Ile Arg	Leu		
	305		310		315
Pro Val Leu Gly	Tyr Ile Tyr Arg Val	Ser Ser Val Ser Ser	Asp		
	320		325		330
Glu Ile Trp Leu					

<210> 47
 <211> 162
 <212> PRT
 <213> Homo sapiens

<220>
 <221> misc_feature
 <223> Incyte ID No: 7512357CD1

<400> 47	
Met Ile Ser Tyr Ile Val Leu Leu Ser Ile Leu Leu Trp Pro Leu	
1 5 10 15	
Val Val Tyr His Glu Leu Ile Gln Arg Met Tyr Thr Arg Leu Glu	
20 25 30	
Pro Leu Leu Met Gln Leu Asp Tyr Ser Met Lys Ala Glu Ala Asn	
35 40 45	
Ala Leu His His Lys His Asp Lys Arg Lys Arg Gln Gly Lys Asn	
50 55 60	
Ala Pro Pro Gly Gly Asp Glu Pro Leu Ala Glu Thr Glu Ser Glu	
65 70 75	
Ser Glu Ala Glu Leu Ala Gly Phe Ser Pro Val Val Asp Val Lys	
80 85 90	
Lys Thr Ala Leu Ala Leu Ala Ile Thr Asp Ser Glu Leu Ser Asp	
95 100 105	
Glu Glu Ala Ser Ile Leu Glu Ser Gly Gly Phe Ser Val Ser Arg	
110 115 120	
Ala Thr Thr Pro Gln Leu Thr Asp Val Ser Glu Gly Met Gly Ser	
125 130 135	
Pro Leu Leu Pro Cys Ser Pro Pro Gln Ser Leu Cys Ser Leu Pro	
140 145 150	
Trp Val Leu Thr Val Leu Ser Gly Pro Leu Thr Leu	
155 160	

<210> 48
 <211> 37
 <212> PRT
 <213> Homo sapiens

<220>
 <221> misc_feature
 <223> Incyte ID No: 7511046CD1

<400> 48	
Met Arg Val Val Met Ala Arg Leu Leu Ser Glu Gly Glu Gln Gly	
1 5 10 15	

Ile Pro Thr Ala Cys Ala Ala Phe Ala Gln Gln Arg Ala Gly Gly
 20 25 30
 His Val Ala Ala Trp Leu Gly
 35

<210> 49
 <211> 187
 <212> PRT
 <213> Homo sapiens

<220>
 <221> misc_feature
 <223> Incyte ID No: 7512332CD1

<400> 49
 Met Leu Leu Ile Leu Leu Ser Val Ala Leu Leu Ala Phe Ser Ser
 1 5 10 15
 Ala Gln Asp Leu Asn Glu Asp Val Ser Gln Glu Asp Val Pro Leu
 20 25 30
 Val Ile Ser Asp Gly Gly Asp Ser Glu Gln Phe Leu Asp Glu Glu
 35 40 45
 Arg Gln Gly Pro Pro Leu Gly Gly Gln Gln Ser Gln Pro Ser Ala
 50 55 60
 Gly Asp Gly Asn Gln Asp Asp Gly Pro Gln Gln Gly Pro Pro Gln
 65 70 75
 Gln Gly Gly Gln Gln Gln Gln Gly Pro Pro Pro Pro Gln Gly Lys
 80 85 90
 Pro Gln Gly Pro Pro Gln Gln Gly Gly Gln Gln Gln Gln Gly Pro
 95 100 105
 Pro Pro Pro Gln Gly Lys Pro Gln Gly Pro Pro Gln Gln Gly Gly
 110 115 120
 His Pro Pro Pro Pro Gln Gly Arg Pro Gln Gly Pro Pro Gln Gln
 125 130 135
 Gly Gly His Pro Arg Pro Pro Arg Gly Arg Pro Gln Gly Pro Pro
 140 145 150
 Gln Gln Gly Gly His Gln Gln Gly Pro Pro Pro Pro Pro Gly
 155 160 165
 Lys Pro Gln Gly Pro Pro Pro Gln Gly Gly Arg Pro Gln Gly Pro
 170 175 180
 Pro Gln Gly Gln Ser Pro Gln
 185

<210> 50
 <211> 67
 <212> PRT
 <213> Homo sapiens

<220>
 <221> misc_feature
 <223> Incyte ID No: 7511219CD1

<400> 50
 Met Lys Val Ser Val Ala Ala Leu Ser Cys Leu Met Leu Val Thr
 1 5 10 15
 Ala Leu Gly Ser Gln Ala Arg Val Thr Lys Asp Ala Glu Thr Glu
 20 25 30
 Phe Met Met Ser Lys Leu Pro Leu Glu Asn Pro Val Leu Leu Asp
 35 40 45
 Thr Ser Ser Pro Arg Arg Gly Asp Val Ser Val Pro Thr Pro Val
 50 55 60
 Ile Ser Lys Phe Arg Phe Ala
 65

<210> 51
 <211> 150
 <212> PRT
 <213> Homo sapiens

<220>
 <221> misc_feature
 <223> Incyte ID No: 7510933CD1

<400> 51
 Met Ala Thr Cys Ala Glu Ile Leu Arg Ser Glu Phe Pro Glu Ile
 1 5 10 15
 Asp Gly Gln Val Phe Asp Tyr Val Thr Gly Val Leu His Ser Gly
 20 25 30
 Ser Ala Asp Phe Glu Ser Val Asp Asp Leu Val Glu Ala Val Gly
 35 40 45
 Glu Leu Leu Gln Glu Val Ser Gly Asp Ser Lys Asp Asp Ala Gly
 50 55 60
 Ile Arg Ala Val Cys Gln Arg Met Tyr Asn Thr Leu Arg Leu Ala
 65 70 75
 Glu Pro Gln Ser Gln Gly Asn Ser Gln Val Leu Leu Asp Ala Pro
 80 85 90
 Ile Gln Leu Ser Lys Ile Thr Glu Asn Tyr Asp Cys Gly Thr Lys
 95 100 105
 Leu Pro Gly Leu Leu Lys Arg Glu Gln Ser Ser Val Arg Arg Arg
 110 115 120
 Lys Gln Gly Arg Gly Leu Ser Val Met Gly Leu Gly Val Asp Cys
 125 130 135
 Leu Ile Gly Val Ser Phe Gly Gly Ile Ser Asp Tyr Val Phe Ser
 140 145 150

<210> 52
 <211> 49
 <212> PRT
 <213> Homo sapiens

<220>
 <221> misc_feature
 <223> Incyte ID No: 7511461CD1

<400> 52
 Met Glu Leu Ser Tyr Gln Thr Leu Lys Phe Thr His Gln Ala Arg
 1 5 10 15
 Glu Ala Cys Glu Met Arg Thr Glu Ala Arg Arg Lys Asn Leu Leu
 20 25 30
 Ile Leu Ile Ser His Tyr Leu Thr Gln Glu Gly Thr Phe Ile Ser
 35 40 45
 Ile Ile Gln Thr

<210> 53
 <211> 30
 <212> PRT
 <213> Homo sapiens

<220>
 <221> misc_feature
 <223> Incyte ID No: 7511808CD1

<400> 53
 Met Ile Trp Tyr Ile Leu Ile Ile Gly Ile Leu Leu Pro Gln Ser
 1 5 10 15

Leu Ala His Pro Gly Phe Phe Thr Ser Ile Asp Gly Gln Arg Ser
 20 25 30

<210> 54
 <211> 55
 <212> PRT
 <213> Homo sapiens

<220>
 <221> misc_feature
 <223> Incyte ID No: 7511817CD1

<400> 54
 Met Gly Ala Ala Val Phe Phe Gly Cys Thr Phe Val Ala Phe Gly
 1 5 10 15
 Pro Ala Phe Ala Leu Phe Leu Ile Thr Val Ala Gly Asp Pro Leu
 20 25 30
 Arg Val Ile Ile Leu Val Ala Gly Arg Cys Ser Ala Leu Pro Thr
 35 40 45
 Thr Ser Cys Leu Arg Arg Gln Met Arg Gly
 50 55

<210> 55
 <211> 36
 <212> PRT
 <213> Homo sapiens

<220>
 <221> misc_feature
 <223> Incyte ID No: 7511832CD1

<400> 55
 Met Arg Asn Ser Tyr Arg Phe Leu Ala Ser Ser Leu Ser Val Val
 1 5 10 15
 Val Ser Leu Leu Leu Ile Pro Glu Gly Thr Lys Gly Pro Arg Ser
 20 25 30
 Phe Leu Gly Leu Thr Gln
 35

<210> 56
 <211> 76
 <212> PRT
 <213> Homo sapiens

<220>
 <221> misc_feature
 <223> Incyte ID No: 7512301CD1

<400> 56
 Met Ala Val Val Leu Pro Ala Val Val Glu Glu Leu Leu Ser Glu
 1 5 10 15
 Met Ala Ala Ala Val Gln Glu Ser Ala Arg Ile Pro Asp Glu Tyr
 20 25 30
 Leu Leu Ser Ser Leu Glu Val Pro Val Lys His Thr His Val Trp
 35 40 45
 Leu Leu Val Ile Thr Val His Val Leu His Leu His Ser Gln Cys
 50 55 60
 Tyr Gly Arg Val Thr Ala Ser Cys Ala Ser Ile Ser Trp Gln Phe
 65 70 75
 Thr

<210> 57
 <211> 119
 <212> PRT
 <213> Homo sapiens

<220>
 <221> misc_feature
 <223> Incyte ID No: 7512320CD1

<400> 57
 Met Ala Ser Cys Arg Ala Trp Asn Leu Arg Val Leu Val Ala Val
 1 5 10 15
 Val Cys Gly Leu Leu Thr Gly Ile Ile Leu Gly Leu Gly Ile Trp
 20 25 30
 Arg Ile Val Ile Arg Ile Gln Arg Gly Lys Ser Thr Ser Ser Ser
 35 40 45
 Ser Thr Pro Thr Glu Phe Cys Arg Asn Gly Gly Thr Trp Glu Asn
 50 55 60
 Gly Arg Cys Ile Cys Thr Glu Glu Trp Lys Gly Leu Arg Cys Thr
 65 70 75
 Ile Ala Asn Phe Cys Glu Asn Ser Thr Tyr Met Gly Phe Thr Phe
 80 85 90
 Ala Arg Ile Pro Val Gly Arg Tyr Gly Pro Ser Leu Gln Thr Cys
 95 100 105
 Gly Lys Asp Thr Pro Asn Gly Lys Gly Cys His Ser Thr Thr
 110 115

<210> 58
 <211> 102
 <212> PRT
 <213> Homo sapiens

<220>
 <221> misc_feature
 <223> Incyte ID No: 7512371CD1

<400> 58
 Met Ala Ser Val Arg Ile Arg Glu Ala Lys Glu Gly Asp Cys Gly
 1 5 10 15
 Asp Ile Leu Arg Leu Ile Arg Val Lys Thr Ala Gly Arg Pro Glu
 20 25 30
 Ser Arg Trp Leu Trp Arg Gln Ser Phe Leu Ser Leu Phe Gly Ser
 35 40 45
 Arg Asp Ser Ser Ser Ala Arg Glu Ala Thr Gly Ala Leu Arg Gly
 50 55 60
 Gly Leu Trp Asp Ile Leu Phe His Leu Gln Tyr Met Glu Gly Thr
 65 70 75
 His His Leu Ser Gly Gly Tyr Leu Cys Asp Ala Gly Ile Ser Gly
 80 85 90
 Ser Arg Asp Trp Phe Gln Asn Asn Gln Lys Gly Gly
 95 100

<210> 59
 <211> 311
 <212> PRT
 <213> Homo sapiens

<220>
 <221> misc_feature
 <223> Incyte ID No: 7512442CD1

<400> 59
 Met Gly Ile Ile Gln Ser Ile Leu Ala Thr Ser Arg Asp Cys Tyr

1	5	10	15
Ser Phe Lys Lys Lys	Pro Ile Pro Lys Lys	Pro Thr Met Leu Ala	
	20	25	30
Leu Ala Lys Ile Leu	Leu Ile Ser Thr Leu	Phe Tyr Ser Leu Leu	
	35	40	45
Ser Gly Ser His Gly	Lys Glu Asn Gln Asp	Ile Asn Thr Thr Gln	
	50	55	60
Asn Ile Ala Glu Val	Phe Lys Thr Met Glu	Asn Lys Pro Ile Ser	
	65	70	75
Leu Glu Ser Glu Ala	Asn Leu Asn Ser Asp	Lys Glu Asn Ile Thr	
	80	85	90
Thr Ser Asn Leu Lys	Ala Ser His Ser Pro	Pro Leu Asn Leu Pro	
	95	100	105
Asn Asn Ser His Gly	Ile Thr Asp Phe Ser	Ser Ser Asn Ser Ser	Ala
	110	115	120
Glu His Ser Leu Gly	Ser Leu Lys Pro Thr	Ser Thr Ile Ser Thr	
	125	130	135
Ser Pro Pro Leu Ile	His Ser Phe Val Ser	Lys Val Pro Trp Asn	
	140	145	150
Ala Pro Ile Ala Asp	Glu Asp Leu Leu Pro	Ile Ser Ala His Pro	
	155	160	165
Asn Ala Thr Pro Ala	Leu Ser Ser Glu Asn	Phe Thr Trp Ser Leu	
	170	175	180
Val Asn Asp Thr Val	Lys Thr Pro Asp Asn	Ser Ser Ile Thr Val	
	185	190	195
Ser Ile Leu Ser Ser	Glu Pro Thr Ser Pro	Ser Val Thr Pro Leu	
	200	205	210
Ile Val Glu Pro Ser	Gly Trp Leu Thr Thr	Asn Ser Asp Ser Phe	
	215	220	225
Thr Gly Phe Thr Pro	Tyr Gln Glu Lys Thr	Thr Leu Gln Pro Thr	
	230	235	240
Leu Lys Phe Thr Asn	Asn Ser Lys Leu Phe	Pro Asn Thr Ser Asp	
	245	250	255
Pro Gln Lys Val Leu	Arg Leu Asp Asn Ala	Pro Glu Pro Tyr Asp	
	260	265	270
Val Ser Phe Gly Asn	Ser Ser Tyr Tyr Asn	Pro Thr Leu Asn Asp	
	275	280	285
Ser Ala Met Pro Glu	Ser Glu Glu Asn Ala	Arg Asp Gly Ile Pro	
	290	295	300
Met Asp Asp Ile Pro	Pro Leu Arg Thr Ser	Val	
	305	310	

<210> 60

<211> 350

<212> PRT

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 7512311CD1

<400> 60

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1	5	10
Leu Leu Pro Gly Ala	Pro Glu Pro Arg Gly	Ala Ser Arg Pro Trp
	20	25
Glu Gly Thr Asp Glu	Pro Gly Ser Ala Trp	Ala Trp Pro Gly Phe
	35	40
Gln Arg Leu Gln Glu	Gln Leu Arg Ala Gly	Ala Leu Ser Lys
	50	55
Arg Tyr Trp Thr Leu	Phe Ser Cys Gln Val	Trp Pro Asp Asp Cys
	65	70
Asp Glu Asp Glu Glu	Ala Ala Thr Gly Pro	Leu Gly Trp Arg Leu

80	85	90
Pro Leu Leu Gly Gln Arg Tyr Leu Asp	Leu Leu Thr Thr Trp Tyr	
95	100	105
Cys Ser Phe Lys Asp Cys Cys Pro Arg	Gly Asp Cys Arg Ile Ser	
110	115	120
Asn Asn Phe Thr Gly Lys Asn Phe Val	Ala Arg Met Leu Val Glu	
125	130	135
Asn Leu Tyr Arg Asp Gly Leu Met Ser	Asp Cys Val Arg Met Phe	
140	145	150
Ile Ala Thr Phe His Phe Pro His Pro	Lys Tyr Val Asp Leu Tyr	
155	160	165
Lys Glu Gln Leu Met Ser Gln Ile Arg	Glu Thr Gln Gln Leu Cys	
170	175	180
His Gln Thr Leu Phe Ile Phe Asp Glu	Ala Glu Lys Leu His Pro	
185	190	195
Gly Leu Leu Glu Val Leu Gly Pro His	Leu Glu Arg Arg Ala Pro	
200	205	210
Glu Gly His Arg Ala Glu Ser Pro Trp	Thr Ile Phe Leu Phe Leu	
215	220	225
Ser Asn Leu Arg Gly Asp Ile Ile Asn	Glu Val Val Leu Lys Leu	
230	235	240
Leu Lys Ala Gly Trp Ser Arg Glu Glu	Ile Thr Met Glu His Leu	
245	250	255
Glu Pro His Leu Gln Ala Glu Ile Val	Glu Thr Ile Asp Asn Gly	
260	265	270
Phe Gly His Ser Arg Leu Val Lys Glu	Asn Leu Ile Asp Tyr Phe	
275	280	285
Ile Pro Phe Leu Pro Leu Glu Tyr Arg	His Val Arg Leu Cys Ala	
290	295	300
Arg Asp Ala Phe Leu Ser Gln Glu Leu	Leu Tyr Lys Glu Glu Thr	
305	310	315
Leu Asp Glu Ile Ala Gln Met Met Val	Tyr Val Pro Lys Glu Glu	
320	325	330
Gln Leu Phe Ser Ser Gln Gly Cys Lys	Ser Ile Ser Gln Arg Ile	
335	340	345
Asn Tyr Phe Leu Ser		
350		

<210> 61

<211> 157

<212> PRT

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 7512474CD1

<400> 61

Met Gly Pro Leu Ser	Ala Pro Pro Cys Thr	Gln His Ile Thr Trp
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Lys Gly Val Leu Leu	Thr Ala Ser Leu Leu	Asn Phe Trp Asn Leu
20	25	30
Pro Ile Thr Ala Gln	Val Thr Ile Glu Ala	Leu Pro Pro Lys Val
35	40	45
Ser Glu Gly Lys Asp	Val Leu Leu Leu Val	His Asn Leu Pro Gln
50	55	60
Asn Leu Ala Gly Tyr	Ile Trp Tyr Lys Gly	Gln Leu Met Asp Leu
65	70	75
Tyr His Tyr Ile Thr	Ser Tyr Val Val Asp	Gly Gln Ile Asn Ile
80	85	90
Tyr Gly Pro Ala Tyr	Thr Gly Arg Glu Thr	Val Tyr Ser Asn Ala
95	100	105
Ser Leu Leu Ile Gln	Asn Val Thr Arg Glu	Asp Ala Gly Ser Tyr

	110		115		120
Thr Leu His Ile	Ile Lys Arg Gly Asp	Arg Thr Arg Gly Val	Thr		
	125		130		135
Gly Tyr Phe Thr	Phe Asn Leu Tyr Pro	Pro Ser Gly Ile Gly	Arg		
	140		145		150
Leu Pro Leu Leu	Asn Pro Ile				
	155				

<210> 62
 <211> 2781
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <223> Incyte ID No: 7510186CB1

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 gaactggcat ttgctgtgga gccaagtgat gatgttgccg tccccgggca gcctatagt 180
 ctggactgca ggggtggagg gacccctcca gtgcgaatca cctggaggaa gaatggggta 240
 gagctgccag agagtaccca ctccaccttg ctggccaatg ggtccttgat gatccgtcac 300
 ttcaggctgg agccgggagg cagcccttcg gatgaagggt actatgagtg tgtggcccag 360
 aaccgctttg ggctgggtgt cagccggaag gctcgcatcc aagctgcaac catgtcggac 420
 ttccacgtgc atccccaggc caccgtgggt gaggagggtg gtgtggcccg cttccagtgc 480
 caaatccatg ggcttcccaa acccctgatc acttggggaga agaacagagt cccaattgac 540
 acggacaatg agaggtacac attgctgccc aaggggggtcc tgcagatcac aggacttcga 600
 gctgaggacg gtggcatctt ccactgtgtg gcctcaaaca tcgccagtat ccggatcagc 660
 cacggggcca ggctcactgt gtcaggactt ccccatgtgt ggagccctg cagagcccgc 720
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 tcgccctatc ggggtggagg gcatccaggt gctgggcaca ggaaacctca tcactctcaga 960
 cgtgacggtc cagcactctg gcgtctacgt ctgtgcagcc aacagacctg gcaccgggt 1020
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 ccagtccatc tccaggccag ctgggaccac agccatgttc acctgccaag cccagggtga 1140
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 tgagaggaca ggcacgtca tcggcatcca catcggggtc acttgcatca tcttctgtgt 1980
 cctcttctc ctgttcgggc aaaggggagc ggtcctcctg tgtaaagatg tggaaaacca 2040
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 ttaaaaaaaaaa aaaaaaaagg g 2781

<210> 63
 <211> 1371
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <223> Incyte ID No: 7510045CB1

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 cggaggagga gcgctgcacg gtggagcgctc gggccgacct caccctacgc gagttcgtgc 180
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 gcaccgcca cactactcc taccacaaag tggacttgcc ctccaggag tatgtggagc 360
 agctgctgca ccccaggac cccacctccc tgggcaatga caccctgtac ttcttcgggg 420
 acaacaactt caccgagtgg gcctctctct ttcggcacta ctccccaccc ccatttggcc 480
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 tccactggca tggaccggg tactcagaag tgatctacgg tcgtaaggct agcacggggg 600
 gggggttgag gcttgggact cgctgaccaa aacgggcaag ggtgacactg ctgctcatgc 660
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 tgtaccatcc gggctggtga ggtgctgtac ttcccggacc gctggtggca tgctacgctc 840
 aaccttgaca ccagcgtctt catctccacc ttccctcggct agccaaaaca gctggcagga 900
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 cccagccatt ctacagatg aatgcgtcaa taacctcctt catagccaag ttgggggatga 1260
 gctgttcctg ggtcaggggg ctccgggtca cggggtcaaa atgaccaca cgctgcagtg 1320
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<210> 64
 <211> 2531
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <223> Incyte ID No: 7510258CB1

<220>
 <221> unsure
 <222> (1) ... (2531)
 <223> a, t, c, g, or other

<400> 64
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 gctgaatatc aaagaaagca gcaattttgg gactcagtag ggctagctct tttcacatta 120
 gcaattgtag caatcatagg aattgcaatt ggtattgtta ctcatcttctg tgttgaggat 180
 gataagtctt tctattacct tgctctcttt aaagtcacaa atatcaaata taaagaaaat 240
 tatggcataa gatcttcaag agagtttata gaaaggagtc atcagattga aagaatgaga 300
 tgactaacia gtgagggtgt cagagtcaca tggcagaagt catttcaagt catgtcaaat 360
 ggtctagtga tgacataatc atttaagaaa tcaacaaatt ctatcaatac tggatgagat 420
 gccatatatt ggatgagtgc agcaaaacag atgtctagga tatttcgaca ttcttctgta 480
 ggcggctgat ttatcaaatc tcatgttatc aaattaaagc cagatgaaca aggtgtggat 540
 attcttatag ttgtcatatt tcgataccca tctactgata gtgctgaaca aatcaagaaa 600
 aaaattgaaa aggctttata tcaaagtttg aagaccaaac aattgtcttt gaccataaac 660

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aaaccatcat ttagactcac acgctgtgga ataaggatga catcttcaaa catgccatta 720
ccagcatcct cttctactca aagaattgtc caaggaaggg aaacagctat ggaaggggaa 780
tgcccatggc aggccagcct ccagctcata gggtcaggcc atcagtggtg agccagcctc 840
atcagtaaca catggctgct cacagcagct cactgctttt ggaaaaataa agaccaact 900
caatggattg ctacttttgg tgcaactata acaccaccg cagtgaacg aaatgtgagg 960
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cctctaccat gaggggaagaa gacacagcaa atgacagaca gcacctattc cttactcaca 1680
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cagggcttca acattctaga actgataagt ggaccttcag tgtgcaagaa tggagaagca 1920
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aaaaagatta agactctttg gaacgttttt ccatgagcac aggaggataa aaagaagcag 2220
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gtctatcaga atatcagagc tgatttgtgt aaagctttgt gtaaagcacg taggacagt 2460
ccttgcatac actacgaact aaataaatct ttgttatatg gaaatcaaaa aaaaaaaaaa 2520
aaaaaanngg g                                     2531

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<210> 65

<211> 631

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 7510450CB1

<400> 65

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aaaggaaacc actcctggag aagaggcagc tcctagccac ctgtccctgt gtctctcatc 180
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<210> 66

<211> 1019

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 7504544CB1

<400> 66

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ccccctctct gaagaatgca gccttcctag gtccagggac cctatgtact cggaactggg 180
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cgccattacc tttttgatgt gcaaaggaat aacattgcta tggctttgga agttacttac 480
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tctgtgttgg tgtctactga agttatagtt tacccttctt aaaaatgaaa agtttgtttc 840
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gcctttgagt tgttccgtga tcacttctga ataagcagtt tgccatttat aaaaacttgc 960
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<210> 67

<211> 3590

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 7504804CB1

<400> 67

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tgagtgtggc ggacagaggg gccttcgcca ccacgcactg ggtcgtcacg gaggacggga 180
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taatgagaca agaagcaaca gttaactacc tcaaagaatt agagaaacaa ttagttgtct 300
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aagaagaccc agactgcac aaagccaagg tgcccttagg ggacctggat ctatatgatg 420
gcacatacat aactttggag agcaaagaca tcagtcctga agattatata gacacagaat 480
ctcctgtccc tccagaccca gagcaacctg attgtactaa aattctagaa cttccatata 540
gtatacatgc ttttcagcac ttgagaggtg tacaggagag agttaatctt tctgcacctc 600
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<223> Incyte ID No: 7510156CB1

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<213> Homo sapiens

<220>

<221> misc_feature

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<212> DNA
<213> Homo sapiens

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<220>
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<223> Incyte ID No: 7510993CB1

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<212> DNA

<213> Homo sapiens

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<210> 73

<211> 2012

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 7511240CB1

<400> 73

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2012

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<210> 74
 <211> 855
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <223> Incyte ID No: 7511376CB1

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<210> 75
 <211> 1402
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <223> Incyte ID No: 7501330CB1

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<400> 75
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<210> 76

<211> 1697

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 7509961CB1

<400> 76

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<210> 77

<211> 1605

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 7509963CB1

<400> 77

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<210> 78

<211> 1576

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 7505089CB1

<400> 78

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<210> 79

<211> 1695
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<223> Incyte ID No: 7510139CB1

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<210> 80
<211> 1370
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<223> Incyte ID No: 7505053CB1

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<210> 81

<211> 2844

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 7511116CB1

<400> 81

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<210> 82
 <211> 1174
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <223> Incyte ID No: 7511175CB1

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<210> 83
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<210> 84

<211> 3628

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 7504681CB1

<400> 84

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<210> 85

<211> 1160

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 7506472CB1

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<210> 86

<211> 1410

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 7506483CB1

<400> 86

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<211> 2481

<212> DNA

<213> Homo sapiens

<220>

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<223> Incyte ID No: 7506525CB1

<400> 87

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<211> 1143

<212> DNA

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<210> 98

<211> 1812

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 7506564CB1

<400> 98

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<210> 99

<211> 1398

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 7509076CB1

<400> 99

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<210> 100
 <211> 1107
 <212> DNA
 <213> Homo sapiens

<220>
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 <223> Incyte ID No: 7506666CB1

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<210> 101
 <211> 991
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <223> Incyte ID No: 7511731CB1

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caagggtccc cacctcctcc aggaaagcca caaggaccac cccacaagg aggcaacaaa 600
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<210> 102

<211> 863

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 7511735CB1

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<400> 102
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<210> 103

<211> 807

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 7511729CB1

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<400> 103
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ccattacatc gtcgcgtctg ctcaggtctg gatgataaca cgctatgac tgtaccacac 540
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<210> 104

<211> 2453

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 7511255CB1

<400> 104

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<210> 105

<211> 1630

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 7511628CB1

<400> 105

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<210> 106

<211> 1890

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 7511657CB1

<400> 106

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<210> 107

<211> 1143

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 7512343CB1

<400> 107

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<210> 108

<211> 1739

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 7512357CB1

<400> 108

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catgcagctg gactacagca tgaaggcaga agccaatgcc ctgcatcaca aacacgacaa 180
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attggccttg gccattacag actcagagct gtcagatgag gaggcttcta tcttggagag 360
tggtggcttc tccgtatccc gggccacaac tccgcagctg actgatgtct ccgagggtat 420
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<210> 109

<211> 837

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 7511046CB1

<400> 109

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caacttgacc ttcaggctgg gagaggtgga gagcatgcc tgttctcctt ccttgctatg 600
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<210> 110

<211> 736

<212> DNA

<213> Homo sapiens

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<221> misc_feature

<223> Incyte ID No: 7512332CB1

<400> 110

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gttccccctg taatatcaga tggaggagac tctgagcagt tccatagatg ggagcgtcag 180
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ggccctcagc agggaccacc ccaacaagga ggccagcagc aacaaggctc accacctcct 300
cagggaagac cacaaggacc accccaacaa ggaggccagc agcaacaagg tccaccacct 360

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cctcagggaa agccacaagg accaccccaa cagggaggcc atccccctcc tcctcaagga 420
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ggaccacccc aacagggagg ccatcagcaa ggtcctcccc cacctcctcc tggaaagccc 540
cagggaccac ctccccaagg gggccgccc caaggacctc cacaggggca gtctcctcag 600
taatctagga ttcaatgaca ggaagtgaat aagaagataa cagtgtttca aatgccgtga 660
aacatggcat catgagtgaaggcgaattc cagcacactg cgccgttaaa gtgatccgag 720
ctcgtacca gcttgg 736

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<210> 111

<211> 412

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 7511219CB1

<400> 111

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aaagatgcag agacagagtt catgatgtca aagcttccat tggaaaatcc agtacttctg 180
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gtcaaggtag agggacacaa gttgccagcc accaactttc ttgcctcaac taccttctctg 360
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<210> 112

<211> 2815

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 7510933CB1

<400> 112

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<210> 113

<211> 723

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 7511461CB1

<400> 113

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ggg 723

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<210> 114

<211> 2748

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 7511808CB1

<400> 114

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<210> 115

<211> 1989

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 7511817CB1

<400> 115

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ccgcgccccct cgtgggggtcg cgttgccacc ccacgcggac tccccagctg gcgcgccccct 180
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<211> 740

<212> DNA

<213> Homo sapiens

<220>

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<223> Incyte ID No: 7511832CB1

<400> 116

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<212> DNA

<213> Homo sapiens

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<223> Incyte ID No: 7512301CB1

<400> 117

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<212> DNA

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<400> 118

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 <212> DNA
 <213> Homo sapiens

<220>
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 <223> Incyte ID No: 7512371CB1

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 <212> DNA
 <213> Homo sapiens

<220>
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 <223> Incyte ID No: 7512442CB1

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<210> 121

<211> 1890

<212> DNA

<213> Homo sapiens

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<400> 121

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<210> 122

<211> 1035

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 7512474CB1

<400> 122

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